

# Scheherazade New - Font Features

Scheherazade New is an OpenType-enabled font family that supports the Arabic script. It includes a number of optional features that provide alternative rendering that might be preferable for use in some contexts. The sections below enumerate the details of these features. Whether these features are available to users will depend on both the application and the rendering technology being used. Some applications let the user control certain features such as Character Variants to turn on the rendering of variant characters. However, at this point, most applications do not make use of those features so another solution is needed to show the variant characters. For applications that do not make use of the OpenType Character Variants, you can now download fonts customized with the variant glyphs you choose. Read this document, visit [TypeTuner Web](#), then choose the variants and download your font.

See [Using Font Features](#). Although that page is not targeted at Arabic script support, it does provide a comprehensive list of applications that make full use of the OpenType font technology.

See also [Arabic Fonts — Application Support](#). It provides a fairly comprehensive list of applications that make full use of the OpenType font technology.

This page uses web fonts (WOFF) to demonstrate font features and should display correctly in all modern browsers. For a more concise example of how to use Scheherazade New as a web font see [ScheherazadeNew-webfont-example.html](#) in the font package web folder.

If this document is not displaying correctly a PDF version is also provided in the documentation/pdf folder of the release package.

## Complete feature list

### Language system tags

Affects: U+062F, U+0630, U+0688..U+068F, U+0690, U+06EE, U+0759, U+075A, U+08AE, U+0645, U+0765, U+0766, U+08A7, U+06BE, U+0626, U+06F4, U+06F5, U+06F6, U+06F7, U+0650, U+064F, U+064C, U+0657

Unfortunately, the UI needed to access the language-specific behavior is not yet present in many applications.

- LibreOffice supports language-specific behavior for Kashmiri (Kashmir), Kurdish (Central), Kyrgyz (China), Malay (Arabic), Sindhi (Arabic), and Urdu (Pakistan). There is not yet support for the Rohingya or Wolof languages.
- Microsoft Word 2019 and 2021 support language-specific behavior for Kashmiri (Arabic), Kurdish (Central), Sindhi (Arabic), and Urdu (Pakistan). Support for Kurdish (Central) has to be specifically installed. There is not yet support for the Kyrgyz, Malay, Rohingya, or Wolof languages.

Some Harfbuzz-based apps, e.g., XeTeX, can access language-specific behavior. In the past, it was not always possible to override language-specific behavior in cases where the language-specific variants were undesirable but, starting with version 4.300, the font supports this possibility.

### Kashmiri, Kurdish (Northern), Rohingya, Sindhi, Urdu

Language	Meem	Heh Doachashmee (06BE)	4	6	7	0650/064E	064C	0652	Feature Setting
Default	م مم	ه هه	٤	٦	٧	بْ	بْ	بْ	
Kashmiri		ه هه	٢	٦	<	بْ	بْ	بْ	lang= ' ks '



## Meem

Affects: U+0645, U+0765, U+0766, U+08A7

Feature	Sample	Feature setting
Standard	م مم م ففم م بمب م ققثم	cv44=0
Sindhi-style	مر مم م ففف م بمب م ققثم	cv44=1
Long-tail	م مم م ففم م بمب م ققثم	cv44=2





## Heh

Affects: U+0647 (This feature is not recommended for use. The features available for Heh Doachashmee are preferred.)

Feature	Sample	Feature setting
Standard	ه هه ههه	cv48=0
Kurdish-style	ه ههه هههه	cv48=3
Sindhi-style	ه هههه ههههه	cv48=1
Urdu-style	ه بهه بههه	cv48=2

## Heh Doachashmee

Affects: U+06BE

Feature	Sample	Feature setting
Standard		cv49=0
Knotted		cv49=1
Bowtie		cv49=2
Kurdish-style		cv49=3

**Kyrgyz OE**

Affects: U+06C5

Feature	Sample	Feature setting
Loop	9	cv51=0
Bar	9	cv51=1

## Yeh Hamza

Affects: U+0626

Feature	Sample	Feature setting
Standard	ئِ	cv54=0
Right hamza	ئِ	cv54=1
Mid hamza	ئِ	cv54=2

## Maddah

Affects: U+0622, U+0627, U+0653, U+0653

Feature	Sample	Feature setting
Small	آ آ	cv60=0
Large	آ آ	cv60=1

## Shadda+kasra placement

Affects: U+064D, U+0650 with U+0651

Feature	Sample	Feature setting
Default	ٲ ٲ ٲ ٲ	cv62=0
Lowered	ٲ ٲ ٲ ٲ	cv62=1
Raised	ٲ ٲ ٲ ٲ	cv62=2

## Damma

Affects: U+064F

Feature	Sample	Feature setting
Default	ُ ٲ	cv70=0
Filled	ُ ٲ	cv70=1
Short	ُ ٲ	cv70=2
Crossed	ُ ٲ	cv70=3

## Dammatan

Affects: U+064C

Feature	Sample	Feature setting
Standard	ٲ ٲ	cv72=0
Six-nine	ٲ ٲ	cv72=1
Two-nine	ٲ ٲ	cv72=2

## Inverted Damma

Affects: U+0657

Feature	Sample	Feature setting
Default	بُ	cv74=0
Hollow	بُ	cv74=1
Filled	بُ	cv74=2

## Superscript Alef

Affects: U+0670 on all yeh, sad and seen-like characters U+0620, U+0626, U+0633, U+0634, U+0635, U+0636, U+063D, U+063E, U+063F, U+0649, U+064A, U+0678, U+069A, U+069B, U+069C, U+069D, U+069E, U+06CC, U+06CD, U+06CE, U+06D0, U+06D1, U+06FA, U+06FB, U+075C, U+076D, U+0770, U+077D, U+077E, U+0775, U+0776, U+0777, U+08A8, U+08A9, U+08AF, U+08BA

Feature	Sample	Feature setting
Default	كُ يُوْا يُّ نُّيْ سُ سُسْ شُ شُشْ صُ صُصْ ضُ ضُضْ يُّ يُّيْ تِ تِيْ تِ تِيْ يُّ يُّيْ يُّ يُّيْ نُ نُنْبُنْ پُ پُپُ پُ پُپُ صُ صُصْ ضُ ضُضْ يُّ يُّيْ بُ يُّ يُّ يُّ يُّ يُّ يُّ يُّ شُشْ ضُ ضُضْ شُ شُشْ شُ شُشْ شُ شُشْ شُ شُشْ شُ شُشْ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ	cv76=0
Large	كُ يُوْا يُّ نُّيْ سُ سُسْ شُ شُشْ صُ صُصْ ضُ ضُضْ يُّ يُّيْ تِ تِيْ تِ تِيْ يُّ يُّيْ يُّ يُّيْ نُ نُنْبُنْ پُ پُپُ پُ پُپُ صُ صُصْ ضُ ضُضْ يُّ يُّيْ بُ يُّ يُّ يُّ يُّ يُّ يُّ يُّ شُشْ ضُ ضُضْ شُ شُشْ شُ شُشْ شُ شُشْ شُ شُشْ شُ شُشْ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ يُّ	cv76=1
Small	كُ يُوْا يُّ نُّيْ سُ سُسْ شُ شُشْ صُ صُصْ ضُ ضُضْ يُّ يُّيْ تِ تِيْ تِ تِيْ يُّ يُّيْ يُّ يُّيْ نُ نُنْبُنْ پُ پُپُ پُ پُپُ صُ صُصْ ضُ ضُضْ يُّ يُّيْ	cv76=2



Honorific ligatures

Affects: U+FB C6..U+FB C7, U+FD40..U+FD4F, U+FD90..U+FD91, U+FD C F, U+FDFA..U+FD FB, U+FD FD..U+FD FF

Feature	Sample	Feature setting
Calligraphic	رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ	cv81=0
Simplified	رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ رَحِمَهُمُ اللَّهُ رَحْمَةً عَظِيمَةً عَلَيْهِمَا وَعَلَى أَهْلِ بَيْتِهِمَا وَتَبَارَكَ وَتَعَالَى اللَّهُ	cv81=1

Eastern digits

Affects: U+06F4, U+06F6, U+06F7

Feature	Sample	Feature setting
Standard	٤٦٧	cv82=0
Sindhi-style	٤٦<	cv82=1
Urdu-style	ٴ٦<	cv82=2
Kurdish-style	٤٦٧	cv82=3
Rohingya-style	٤٦<	cv82=4
Default	ٴ٦<	cv82=5

Comma

Affects: U+060C, U+061B (This feature is not recommended for use. The Unicode Standard recommends the use of ﻣ U+2E41 and ﻣ U+204F instead.)

Feature	Sample	Feature setting
Upward	ٴٴٴٴ	cv84=0
Downward	ٴٴٴٴ	cv84=1

Decimal separator

Affects: U+066B

Feature	Sample	Feature setting
Small reh	ٲ	cv85=0
Slash	/	cv85=1

## Guillemet

Affects: U+00AB U+00BB U+2039 U+203A

Feature	Sample	Feature setting
Rounded	«(ب)»	cv88=0
Angled	«‹ب›»	cv88=1

## Other user font features

### Line spacing

*This feature is only available in TypeTuner Web.*

Allows for adjustment of the default line spacing in the font (values shown are ordered in increasing line spacing).

Feature
Tight
Normal
Loose

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