

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 ببم م ققم | cv44=0 |
| Sindhi-style | م مم م ففم م ببم م ققم ققم | cv44=1 |
| Long-tail | م مم م ففم م ببم م ققم | 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 ههه ههههه | cv48=1 |
| Urdu-style | ه ههه هههههه | 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 |

Affects: U+0657

Superscript Alef

[illegible]

Honorific ligatures

Affects: U+FBC6..U+FBC7, U+FD40..U+FD4F, U+FD90..U+FD91, U+FDCE, U+FDFA..U+FDFF, U+FDFFD..U+FDFFF

[illegible]

Eastern digits

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

| Feature | Sample | Feature setting |
|----------------|--------|-----------------|
| Standard | ۴۶۷ | cv82=0 |
| Sindhi-style | ۴۶< | cv82=1 |
| Urdu-style | ۴۶< | cv82=2 |
| Kurdish-style | ۴۶۷ | cv82=3 |
| Rohingya-style | ۴۶< | cv82=4 |
| Default | ۴۶< | cv82=5 |

Comma

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

| Feature | Sample | Feature setting |
|----------|--------|-----------------|
| Upward | ᵀ ᵀ | cv84=0 |
| Downward | ᵀ ᵀ | cv84=1 |

Decimal separator

Affects: U+066B

| Feature | Sample | Feature setting |
|-----------|--------|-----------------|
| Small reh | ﺀ | 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 |

This guide is from the [Scheherazade New project](#) version 4.4 and is copyright © 1994-2025 SIL Global.