**Case transforming**

In Persian language letters might vary in shape when used at the first letter of a word or in the middle letters. Standard Unicode use different coding for capital or small case but some of Arabic symbols are used in Persian language which does not have effect on the meaning. Hence in this phase we have a converting table in which equal sounded and meaning letters with different shapes would be unified to one shape. These letters are carefully chosen for avoiding any possible ambiguities. Some of substituting letters are projected in this table.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| “ = <> | ” = <> | ’ = <> | ` = <> | „ = <> | – = <> | ´ = <> | … = <> | ‚ = <> | ‘ = <> |
| — = <> | − = <> | ‟ = <> | • = <> | · = <> | ¸ = <> | º = <> | → = <> | ● = <> | ٭ = <> |
| ۔ = <> | ♪ = <> | ³ = <> | ² = <> | ı = <> |  = <> | А = A | |= <> | ۰ = 0 | ۱ = 1 |
| ۲ = 2 | ۳ = 3 | ۴ = 4 | ۵ = 5 | ۶ = 6 | ۷ = 7 | ۸ = 8 | ۹ = 9 | ٠ = 0 | ١ = 1 |
| ٢ = 2 | ٥ = 5 | ٣ = 3 | ٤ = 4 | ٦ = 6 | ٧ = 7 | ٨ = 8 | ٩ = 9 | ، = <> | ؛ = <> |
| « = <> | » = <> | ٫ = <> | × = <> | ٪ = <> | ‐ = <> | ¯ = <> | ÷ = <> | · = <> | ؟ = <> |
| ـ = <> | ٬ = <> | ″ = <> | ‘ = <> | ي = ي | ێ = ي | ۀ = <> | = <> | ؤ = و | ئ = ي |
| إ = ا | ة = ه | ك = ک | آ = ا | أ = ا | ى = ي | ھ = ه | ۇ = و | ﯼ = ي | ﻳ = ي |
| ﯽ = ي | ﻲ = ي | ﻟ = ل | ﺳ = س | ﺘ = ت | ﺎ = ا | ﺗ = ت | ﻴ = ي | ﻦ = ن | ں = ن |
| ﻣ = م | ﻯ = ي | ﭙ = پ | ﭘ = پ | ﮔ = گ | ﺞ = ج | ﺇ = ا | ﻐ = غ | ﺮ = ر | ﺴ = س |
| ﻘ = ق | ﻢ = م | ﻨ = ن | ﻅ = ظ | ﻫ = ه | ﺩ = د | ﺫ = ذ | ﺍ = ا | ﺭ = ر | ﻥ = ن |
| ﻭ = و | ﺲ = س | ﻱ = ي | ﺟ = ج | ﻮ = و | ﻧ = ن | ﺰ = ز | ﻚ = ک | ﻋ = ع | ﻪ = ه |
| ﺑ = ب | ﺪ = د | ﺯ = ز | ﻩ = ه | ﺖ = ت | ﻛ = ک | ﺷ = ش | ﺐ = ب | ﻏ = غ | ﻔ = ف |
| ﻞ = ل | ﺬ = ذ | ﺁ = ا | ﺒ = ب | ﻠ = ل | ﺧ = خ | ﺣ = ح | ﻓ = ف | ﺶ = ش | ﺺ = ص |
| ﺏ = ب | ﻁ = ط | ﻤ = م | ﺸ = ش | ﺱ = س | ﺠ = ج | ﻜ = ک | ﻕ = ق | ﻝ = ل | ﻒ = ف |
| ﺤ = ح | ﺾ = ض | ﺵ = ش | ﭼ = چ | ﻍ = غ | ﻡ = م | ﺻ = ص | ﮕ = گ | ﺿ = ض | ﻬ = ه |
| ﻃ = ط | ﮒ = گ | ﻊ = ع | ﻌ = ع | ﻙ = ک | ﻈ = ظ | ﭽ = چ | ﻇ = ظ | ﺨ = خ | ﻂ = ط |
| ﮓ = گ | ﻄ = ط | ﺛ = ث | ﺕ = ت | ﺼ = ص | ﻖ = ق | ﻑ = ف | ﻉ = ع | ﭻ = چ | ﻎ = غ |
| ﻀ = ض | ﺜ = ث | ﺹ = ص | ﺡ = ح | ﺚ = ث | ﺋ = ي | ﻆ = ظ | ﮊ = ژ | ﺥ = خ | ﺢ = ح |
| ﺝ = ج | ﺙ = ث | ﺦ = خ | ﺽ = ض | ﭺ = چ | ﭗ = پ | ﯿ = ي | ﮐ = ک | ﮑ = ک | ﯾ = ي |
| ﮏ = ک | ﮋ = ژ | ﺂ = ا | ﺄ = ا | ﻵ = لا | ﺆ = و | ﻸ = لا | ْ = <> | ٌ = <> | ٍ = <> |
| ً = <> | ُ = <> | ِ = <> | َ = <> | ّ = <> | ٔ = <> | َ = <> | ` = <> | ء = <> | = ‌ |
| ­= ‌ | ­= ‌ | = $$ | ‏ = ‌ | ​ = ‌ |  | ¬ = ‌ | ‎ = ‌ | = ‌ | = <> |
| ִ= <> | ‍ = <> | ‬ = $$ |  | = <> | = <> | = <> | = <> | = <> | = <> |
|  = <> |  = <> |  = <> | ے = <> | ٿ = <> | ہ = <> | ٹ = <> | ﺌ = <> | ﭐ = <> | ﷼ = R |
| ڈ = <> | ᵀ = <> | Ŋ = <> | 䌳 = <> | № = <> |  = <> |  = <> | = <> | Ι = I | Ş = S |
| ― = <> | ā = a | Т = T | В = B | Е = E | З = 3 | ⅓ = <> | = <> | ¨ = <> | ‿ = <> |
| ÿ = y | ¾ = <> | к = k | Å = A | Ä = A | Ö = O | = <> |  | Ü = U | К = K |
| Р = P | У = y |  | = <> | С = C | ņ = n | ē = e | ٰ = <> | ﻗ = ق | ٓ = <> |
|  = <> |  = <> | ﱢ = <> |  = <> | › = <> | ‹ = <> |  = <> |  = <> | ە = ه | у = y |
| ҷ = <> | О = <> | ҳ = <> | ф = <> | И = <> | қ = <> | х = <> | ӣ = <> | Э = <> | э = <> |
| ъ = <> | ж = <> | Ӯ = <> | ӯ = <> | ғ = <> | М = <> | = <> | : = <> | . = <> | ( = <> |
| ) = <> | " = <> | / = <> | - = <> | & = <> | ; = <> | \* = <> | , = <> | + = <> | \_ = <> |
| ! = <> | ~ = <> | % = <> | ? = <> | [ = <> | { = <> | } = <> | ] = <> | ' = <> | = <> |
| = = <> | > = <> | # = <> |  |  |  |  |  |  |  |