| Dec | Hex | Unicode.java 20-Run Peformance Test (Avg. Time) | Unicode.java 70-Run Peformance Test (Avg. Time) | New Implementation | Improvement | Fast/Slow | Improvement2 | Concatenated | Implementation |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0.0008 | 0.000357143 | 0.0006 | 0.0002 | Faster | 25% | 0,0 | 2c92a24 |
| 10 | A | 0.00015 | 5.71429E-05 | 0.0001 | 0.00005 | Faster | 33% | 0,A | |
| 50 | 32 | 0.00025 | 0.000157143 | 0.00015 | 0.0001 | Faster | 40% | 0,32 | |
| 100 | 64 | 0.00035 | 0.000228571 | 0.00025 | 0.0001 | Faster | 29% | 0,64 | |
| 500 | 1F4 | 0.00145 | 0.000914286 | 0.00095 | 0.0005 | Faster | 34% | 0,1F4 | |
| 1000 | 3E8 | 0.00205 | 0.001485714 | 0.0013 | 0.00075 | Faster | 37% | 0,3E8 | |
| 5000 | 1388 | 0.00805 | 0.007128571 | 0.006 | 0.00205 | Faster | 25% | 0,1388 | |
| 10000 | 2710 | 0.01405 | 0.014857143 | 0.0116 | 0.00245 | Faster | 17% | 0,2710 | |
| 50000 | C350 | 0.05745 | 0.068671429 | 0.05105 | 0.0064 | Faster | 11% | 0,C350 | |
| 100000 | 186A0 | 0.1203 | 0.158357143 | 0.11055 | 0.00975 | Faster | 8% | 0,186A0 | |
| 500000 | 7A120 | 0.6576 | 0.8372 | 0.60435 | 0.05325 | Faster | 8% | 0,7A120 | |
| 1000000 | F4240 | 1.3039 | 1.691271429 | 1.1924 | 0.1115 | Faster | 9% | 0,F4240 | |
| 5000000 | 4C4B40 | 4.0008 | 5.1687 | 3.73305 | 0.26775 | Faster | 7% | 0,4C4B40 | |
| 10000000 | 989680 | 6.2537 | 8.115685714 | 6.01635 | 0.23735 | Faster | 4% | 0,989680 | |
| 15000000 | E4E1C0 | 8.3956 | 11.64188571 | 8.2967 | 0.0989 | Faster | 1% | 0,E4E1C0 | |
| 17825791 | 10FFFFF | 9.6626 | 13.06918571 | 9.5742 | 0.0884 | Faster | 1% | 0,10FFFFF | |