

Converting Colors

Hex(40827C)

Have a look what the booklet for
Hex(40827C) contains.

| | |
|--|----|
| Hex(40827C) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(40827C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 40827C |
| RGB | 64, 130, 124 |
| RGB Percent | 25%, 51%, 49% |
| CMY | 0.7490, 0.4902, 0.5137 |
| CMYK | 0.51, 0.00, 0.05, 0.49 |
| HSL | 175°, 34%, 38% |
| HSV | 175°, 51%, 51% |
| XYZ | 13.7351, 18.5105, 21.9177 |
| YIQ | 109.5820, -37.4100, -15.8580 |

Conversions

Conversions Part 2

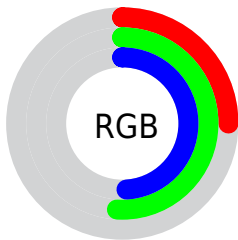
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 64, 99, 130 |
| Decimal | 4227708 |
| CIELab | 50.11, -22.57, -3.23 |
| CIELCh | 50, 22.803, 188.146 |
| Yxy | 18.5105, 0.2536, 0.3418 |
| Android (android.graphics.Color) | 4282417788 (0xFF40827C) |
| YUV | 109.5820, 7.1081, -39.9754 |
| Hunter-Lab | 43.0238, -18.3067, -0.0876 |




Details

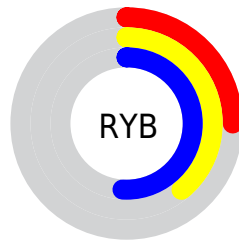
The Hex color **40827C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **824046**, and the grayscale version is **6E6E6E**.




A 20% lighter version of the original color is **75B7B0**, and **00504B** is the 20% darker color. If you saturate the color by 10%, you get **33827B**, and if you desaturate by 10%, it is **4D827D**.

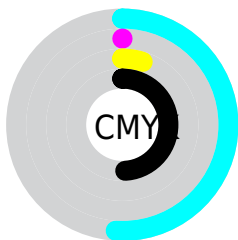
Distribution







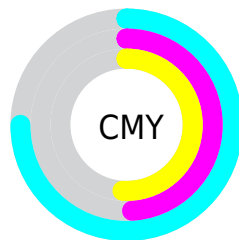
-  Red (25%)
-  Green (51%)
-  Blue (49%)






-  Red (25%)
-  Yellow (39%)
-  Blue (51%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (49%)



-  Cyan (75%)
-  Magenta (49%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40827C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 40827C by changing the saturation by 10% instead.

 40827C

 40827C

FFFFFF

 246963

 75B7B0

 00504B

 90D3CC

 003935

 ACEFE8

 002320

 C8FFFF

 000108

 E5FFFF

 000000

 40827C

 40827C

 33827B

 4D827D

 26827A

 5A827E

198278

678280

0C8277

748281

008276

818282

8E8283

9B8284

A88285

B58287

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



548168



40827C



3A818E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40827C



817096



917154

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40827C



824046

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9C6B60



40827C



946B86

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40827C



66779D



9E6973



807851

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40827C



437F98



9E6973



966F57

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40827C



8FA8A6



478240



455453



D4D4D4



545454

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40827C



42A89F



406882



39403F



008074



000000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



824046



A8424B



825A40



40393A



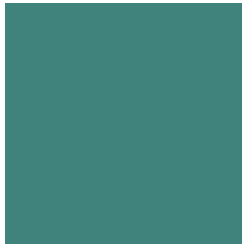
80000C



000000

Previews

White Background



This preview shows how the Hex color 40827C looks on a white background.

Color Contrast Check

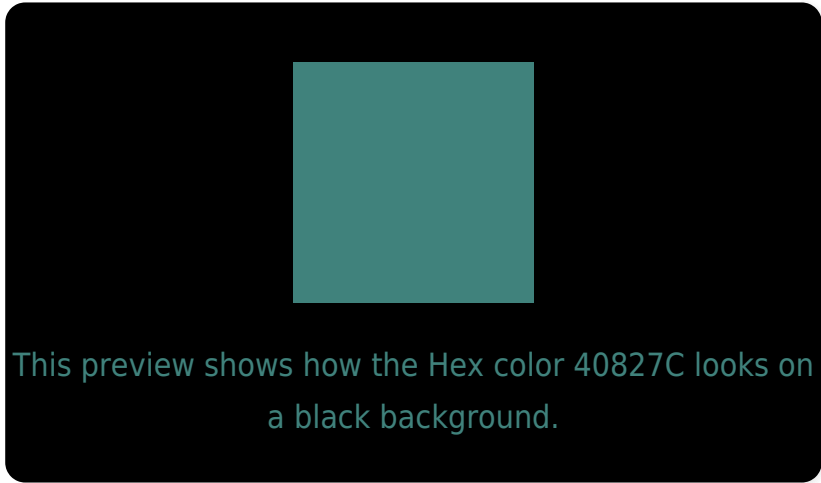
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

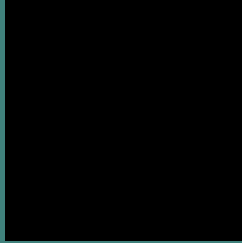
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 40827C Background



This preview shows how black text looks on a background with the Hex color 40827C.

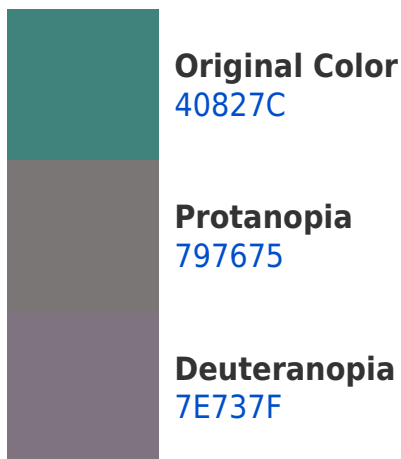


This preview shows how white text looks on a background with the Hex color 40827C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

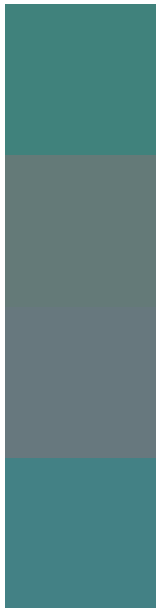
Dichromacy





Tritanopia
45808A

Trichromacy



Original Color
40827C

Protanomaly
647A78

Deuteranomaly
67787E

Tritanomaly
438185

Monochromacy



Original Color
40827C

Achromatopsia
6E6E6E

Achromatomaly
5D7573

CSS Examples

Text

The CSS property to change the color of the text to Hex 40827C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #40827C looks like.

```
.text, #text, p{  
    color:#40827C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #40827C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40827C
}
```

Border

The CSS property to change the border of an element to Hex 40827C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40827C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#40827C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #40827C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40827C; -webkit-box-shadow:4px 4px  
4px 4px #40827C; box-shadow:4px 4px 4px  
4px #40827C }
```

Background

The CSS property to change the background color of an element to Hex 40827C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40827C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#40827C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor