

Converting Colors

Hex(6F716F)

Have a look what the booklet for
Hex(6F716F) contains.

Hex(6F716F)	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(6F716F)

Conversions

Conversions Part 1

Format	Color
Hex	6F716F
RGB	111, 113, 111
RGB Percent	44%, 44%, 44%
CMY	0.5647, 0.5569, 0.5647
CMYK	0.02, 0.00, 0.02, 0.56
HSL	120°, 1%, 44%
HSV	120°, 2%, 44%
XYZ	15.3299, 16.3375, 17.3844
YIQ	112.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

Format	Color
R_{YB}	111, 113, 113
Decimal	7303535
CIE Lab	47.41, -1.17, 0.83
CIE LCh	47, 1.436, 144.467
Yxy	16.3375, 0.3125, 0.3331
Android (android.graphics.Color)	4285493615 (0xFF6F716F)
YUV	112.1740, -0.5788, -1.0296
Hunter-Lab	40.4196, -3.0348, 2.7932

Details

The Hex color **6F716F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **716F71**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A3A5A3**, and **3F413F** is the 20% darker color. If you saturate the color by 10%, you get **647164**, and if you desaturate by 10%, it is **7A717A**.

Distribution



Red (44%)

Green (44%)

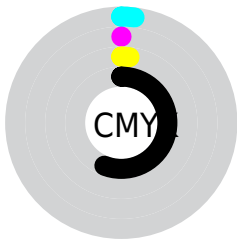
Blue (44%)



Red (44%)

Yellow (44%)

Blue (44%)



Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F716F 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 6F716F by changing the saturation by 10% instead.



6F716F



6F716F

FFFFFF



575957



A3A5A3



3F413F



BEC0BE



2A2B2A



D9DCD9



151715



F6F8F6



000000



6F716F



6F716F



647164



7A717A



587158



867186



4D714D



917191

■ 427142

■ 9C719C

■ 377137

■ A871A8

■ 2B712B

■ B371B3

■ 207120

■ BE71BE

■ 157115

■ C971C9

■ 097109

■ D571D5

Harmonies

Analogous

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



70716E



6F716F



6E7170

Triad

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



6F716F



6F7173



73706F

Complementary

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



6F716F



716F71

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.



737071



6F716F



707073

Square

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



6F716F



6E7172



727072



73706F

Rectangle

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



6F716F



6E7171



727072



737070

Sweetspot

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



6F716F



929492



71716F



494A49



C9C9C9



4A4A4A

Same Dimension

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



6F716F



919491



6F7170



373837



007800



00F700

Inverse Universe

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



716F71



949194



716F70



383738



780078



F700F7

Previews

White Background



This preview shows how the Hex color 6F716F looks on a white background.

Color Contrast Check

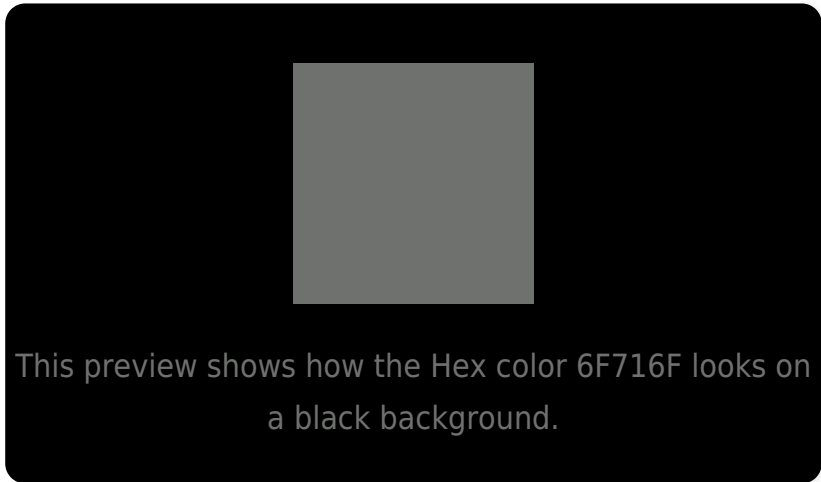
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

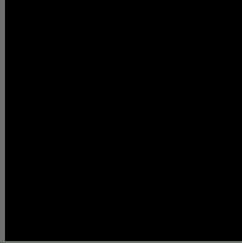
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

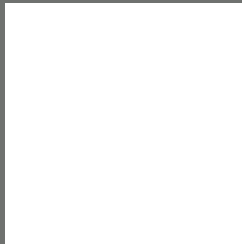
Any Text WCAG AAA × Fail

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

Hex 6F716F Background



This preview shows how black text looks on a background with the Hex color 6F716F.



This preview shows how white text looks on a background with the Hex color 6F716F.

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



Original Color

6F716F

Protanopia

73706E

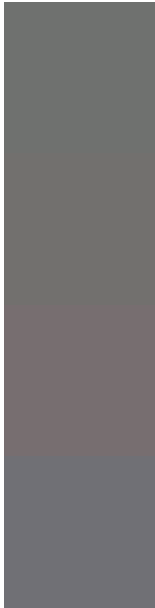
Deuteranopia

7B6D70



Tritanopia
707078

Trichromacy



Original Color
6F716F

Protanomaly
72706E

Deuteranomaly
776E70

Tritanomaly
707075

Monochromacy



Original Color
6F716F

Achromatopsia
707070

Achromatomaly
707070

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F716F 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 #6F716F looks like.

```
.text, #text, p{  
    color:#6F716F  
}
```

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 #6F716F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F716F
}
```

Border

The CSS property to change the border of an element to Hex 6F716F is called "border". The border property can be set on classes, ids or directly on the HTML element.

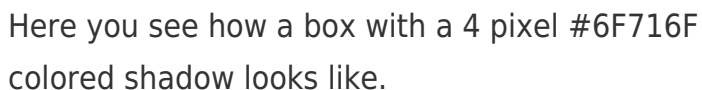
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F716F }
```

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

```
.border{ border-color:#6F716F }
```

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



Here you see how a box with a 4 pixel #6F716F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F716F; -webkit-box-shadow:4px 4px  
4px 4px #6F716F; box-shadow:4px 4px 4px  
4px #6F716F }
```

Background

The CSS property to change the background color of an element to Hex 6F716F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F716F }
```

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

```
.background{ background-color:#6F716F }
```

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