

Converting Colors

Hex(67706F)

Have a look what the booklet for
Hex(67706F) contains.

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Color

Hex(67706F)

Conversions

Conversions Part 1

Format	Color
Hex	67706F
RGB	103, 112, 111
RGB Percent	40%, 44%, 44%
CMY	0.5961, 0.5608, 0.5647
CMYK	0.08, 0.00, 0.01, 0.56
HSL	173°, 4%, 42%
HSV	173°, 8%, 44%
XYZ	14.2569, 15.6196, 17.3024
YIQ	109.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

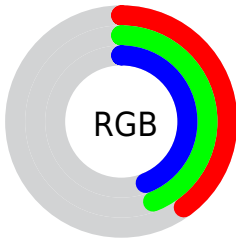
Format	Color
R _Y B	103, 108, 112
Decimal	6778991
CIE Lab	46.47, -3.61, -0.62
CIE LCh	46, 3.662, 189.744
Yxy	15.6196, 0.3022, 0.3311
Android (android.graphics.Color)	4284969071 (0xFF67706F)
YUV	109.1950, 0.8899, -5.4330
Hunter-Lab	39.5216, -4.7713, 1.7083

Details

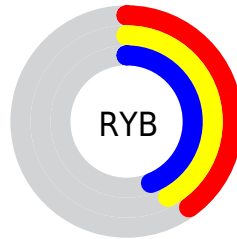
The Hex color **67706F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **706768**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9AA4A3**, and **38403F** is the 20% darker color. If you saturate the color by 10%, you get **5C706E**, and if you desaturate by 10%, it is **727070**.

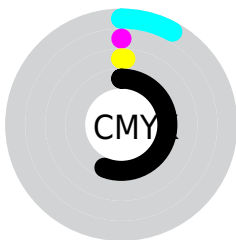
Distribution



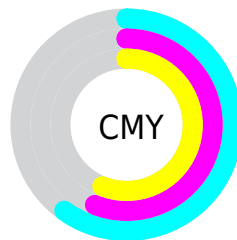
- Red (40%)
- Green (44%)
- Blue (44%)



- Red (40%)
- Yellow (42%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (56%)



- Cyan (60%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67706F 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 67706F by changing the saturation by 10% instead.

67706F

67706F

FFFFFF

4F5857

9AA4A3

38403F

B5BFBE

232A2A

D0DBD9

0D1615

EDF7F6

000000

67706F

67706F

5C706E

727070

51706D

7D7071

45706B

897073

■ 3A706A

■ 947074

■ 2F7069

■ 9F7075

■ 247068

■ AA7076

■ 197066

■ B57078

■ 0D7065

■ C17079

■ 027064

■ CC707A

Harmonies

Analogous

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



69706C



67706F



677072

Triad

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



67706F



706D73



736D68

Complementary

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



67706F



706768

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.



756C6A



67706F



736C70

Square

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



67706F



6C6E74



756C6D



706E68

Rectangle

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



67706F



686F73



756C6D



746D69

Sweetspot

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



67706F



8E9191



687067



484A4A



C9C9C9



4A4A4A

Same Dimension

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



67706F



839190



676D70



323837



00786B



00F7DC

Inverse Universe

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



706768



918384



706A67



383233



78000D



F7001B

Previews

White Background



This preview shows how the Hex color 67706F looks on a white background.

Color Contrast Check

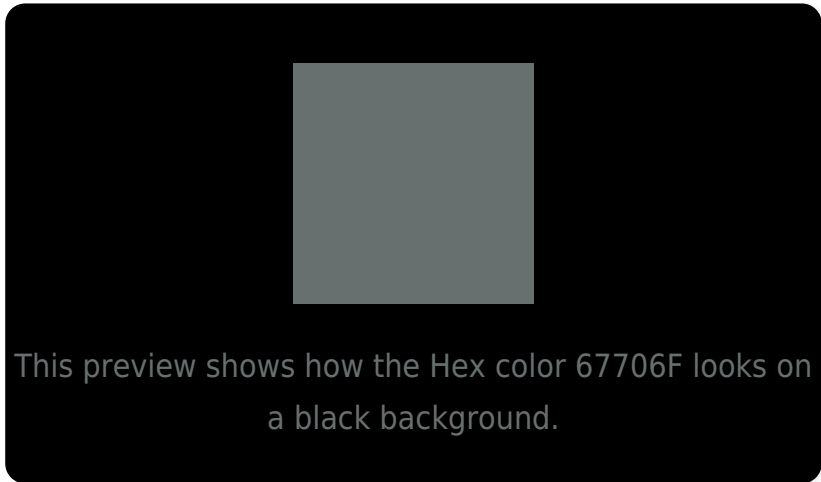
Large Text (above 18pt) WCAG AA ✓ Pass

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

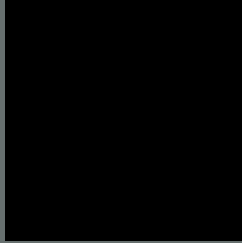
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

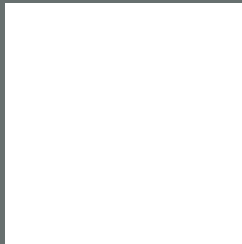
Any Text WCAG AAA × Fail

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

Hex 67706F Background



This preview shows how black text looks on a background with the Hex color 67706F.



This preview shows how white text looks on a background with the Hex color 67706F.

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
67706F

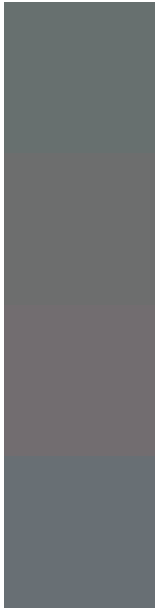
Protanopia
706D6E

Deuteranopia
786B70



Tritanopia
686F77

Trichromacy



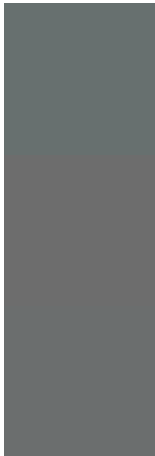
Original Color
67706F

Protanomaly
6D6E6E

Deuteranomaly
726D70

Tritanomaly
686F74

Monochromacy



Original Color
67706F

Achromatopsia
6D6D6D

Achromatomaly
6B6E6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 67706F 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 #67706F looks like.

```
.text, #text, p{  
    color:#67706F  
}
```

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 #67706F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67706F
}
```

Border

The CSS property to change the border of an element to Hex 67706F is called "border". The border property can be set on classes, ids or directly on the HTML element.

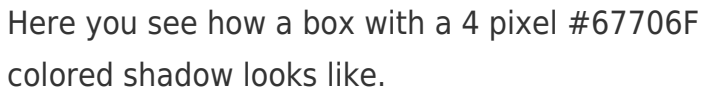
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67706F }
```

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

```
.border{ border-color:#67706F }
```

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



Here you see how a box with a 4 pixel #67706F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67706F; -webkit-box-shadow:4px 4px  
4px 4px #67706F; box-shadow:4px 4px 4px  
4px #67706F }
```

Background

The CSS property to change the background color of an element to Hex 67706F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67706F }
```

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

```
.background{ background-color:#67706F }
```

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](#).

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