

Converting Colors

Hex(64706F)

Have a look what the booklet for
Hex(64706F) contains.

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Color

Hex(64706F)

Conversions

Conversions Part 1

Format	Color
Hex	64706F
RGB	100, 112, 111
RGB Percent	39%, 44%, 44%
CMY	0.6078, 0.5608, 0.5647
CMYK	0.11, 0.00, 0.01, 0.56
HSL	175°, 6%, 42%
HSV	175°, 11%, 44%
XYZ	13.9189, 15.4454, 17.2866
YIQ	108.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

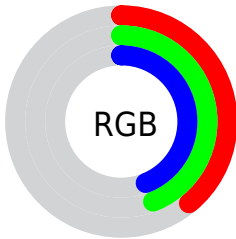
Format	Color
R_{YB}	100, 106, 112
Decimal	6582383
CIE Lab	46.24, -4.72, -0.99
CIE LCh	46, 4.823, 191.831
Yxy	15.4454, 0.2984, 0.3311
Android (android.graphics.Color)	4284772463 (0xFF64706F)
YUV	108.2980, 1.3321, -7.2773
Hunter-Lab	39.3006, -5.5574, 1.4314

Details

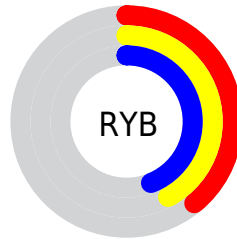
The Hex color **64706F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **706465**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **97A4A3**, and **35403F** is the 20% darker color. If you saturate the color by 10%, you get **59706E**, and if you desaturate by 10%, it is **6F7070**.

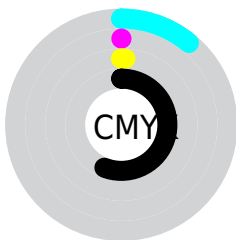
Distribution



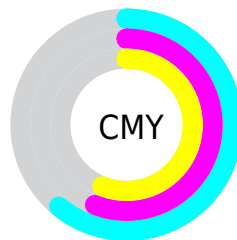
- Red (39%)
- Green (44%)
- Blue (44%)



- Red (39%)
- Yellow (42%)
- Blue (44%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (56%)



- Cyan (61%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64706F 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 64706F by changing the saturation by 10% instead.

■ 64706F

■ 64706F

FFFFFF

■ 4C5857

■ 97A4A3

■ 35403F

■ B2BFBE

■ 202A2A

■ CDDBD9

■ 091615

■ E9F7F6

■ 000000

■ 64706F

■ 64706F

■ 59706E

■ 6F7070

■ 4E706D

■ 7A7071

■ 42706C

■ 867072

■ 37706B

■ 917073

■ 2C706A

■ 9C7074

■ 217069

■ A77075

■ 167068

■ B27076

■ 0A7068

■ BE7076

■ 007067

■ C97077

Harmonies

Analogous

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



66706B



64706F



647073

Triad

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



64706F



706C74



736C66

Complementary

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



64706F



706465

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.



766B68



64706F



746B70

Square

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



64706F



6B6D75



766B6C



6F6E66

Rectangle

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



64706F



666F74



766B6C



746C67

Sweetspot

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



64706F



8D9191



657064



474A4A



C9C9C9



4A4A4A

Same Dimension

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



64706F



7E9190



646B70



323838



00786E



00F7E3

Inverse Universe

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



706465



917E80



706964



383233



78000A



F70015

Previews

White Background



This preview shows how the Hex color 64706F looks on a white background.

Color Contrast Check

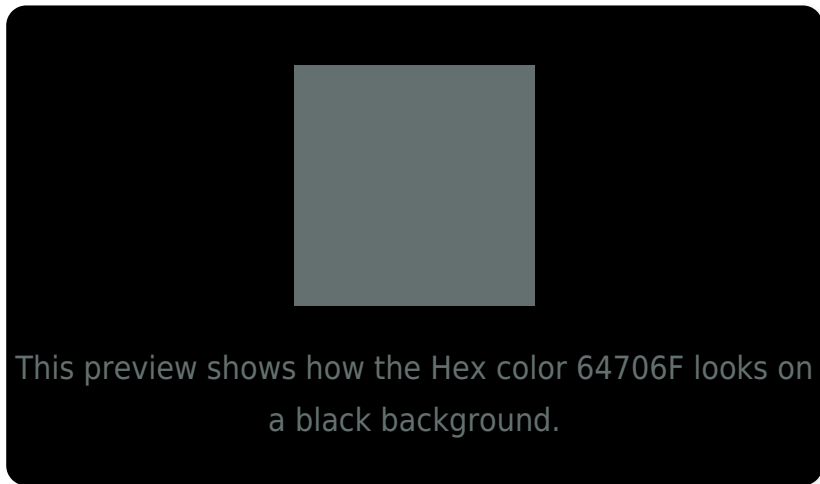
Large Text (above 18pt) WCAG AA ✓ Pass

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

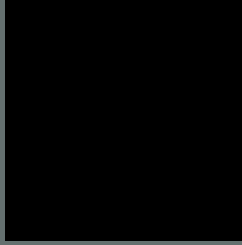
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

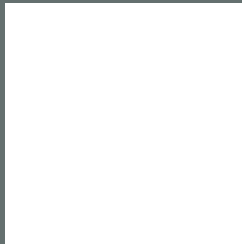
Any Text WCAG AAA × Fail

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

Hex 64706F Background



This preview shows how black text looks on a background with the Hex color 64706F.



This preview shows how white text looks on a background with the Hex color 64706F.

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
64706F

Protanopia
6F6D6D

Deuteranopia
776A70



Tritanopia
656F77

Trichromacy



Original Color

64706F

Protanomaly

6B6E6E

Deuteranomaly

706C70

Tritanomaly

656F74

Monochromacy



Original Color

64706F

Achromatopsia

6C6C6C

Achromatomaly

696D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 64706F 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 #64706F looks like.

```
.text, #text, p{  
    color:#64706F  
}
```

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 #64706F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64706F
}
```

Border

The CSS property to change the border of an element to Hex 64706F is called "border". The border property can be set on classes, ids or directly on the HTML element.

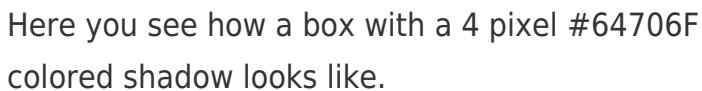
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64706F }
```

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

```
.border{ border-color:#64706F }
```

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



Here you see how a box with a 4 pixel #64706F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64706F; -webkit-box-shadow:4px 4px  
4px 4px #64706F; box-shadow:4px 4px 4px  
4px #64706F }
```

Background

The CSS property to change the background color of an element to Hex 64706F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64706F }
```

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

```
.background{ background-color:#64706F }
```

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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