

Converting Colors

Hex(68747D)

Have a look what the booklet for
Hex(68747D) contains.

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Color

Hex(68747D)

Conversions

Conversions Part 1

Format	Color
Hex	68747D
RGB	104, 116, 125
RGB Percent	41%, 45%, 49%
CMY	0.5922, 0.5451, 0.5098
CMYK	0.17, 0.07, 0.00, 0.51
HSL	206°, 9%, 45%
HSV	206°, 17%, 49%
XYZ	15.6560, 16.9145, 21.8417
YIQ	113.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

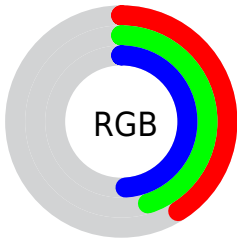
Format	Color
RYB	104, 112, 125
Decimal	6845565
CIELab	48.15, -2.43, -6.47
CIElCh	48, 6.913, 249.387
Yxy	16.9145, 0.2877, 0.3109
Android (android.graphics.Color)	4285035645 (0xFF68747D)
YUV	113.4380, 5.7001, -8.2771
Hunter-Lab	41.1272, -4.0228, -2.6984

Details

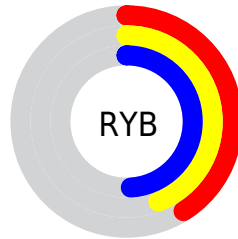
The Hex color **68747D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D7168**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9BA8B2**, and **39444C** is the 20% darker color. If you saturate the color by 10%, you get **5C6F7D**, and if you desaturate by 10%, it is **75797D**.

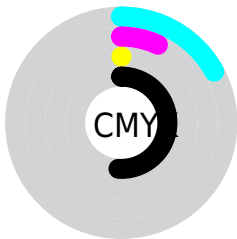
Distribution



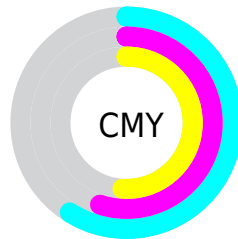
- Red (41%)
- Green (45%)
- Blue (49%)



- Red (41%)
- Yellow (44%)
- Blue (49%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)



- Cyan (59%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68747D 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 68747D by changing the saturation by 10% instead.

■ 68747D

■ 68747D

FFFFFF

■ 505B64

■ 9BA8B2

■ 39444C

■ B6C3CD

■ 232E35

■ D2DFE9

■ 0E1920

■ EEFCFF

■ 000008

■ 000000

■ 68747D

■ 68747D

■ 5C6F7D

■ 75797D

■ 4F697D

■ 817F7D

■ 43647D

■ 8E847D

■ 365F7D

■ 9A897D

■ 2A597D

■ A78F7D

■ 1D547D

■ B3947D

■ 114F7D

■ C09A7D

■ 04497D

■ CC9F7D

■ 00477D

■ D9A47D

Harmonies

Analogous

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



647579



68747D



6F727E

Triad

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



68747D



7F6E71



6E7469

Complementary

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



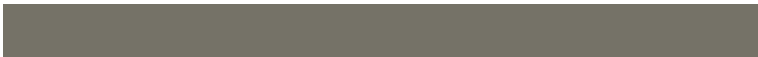
68747D



7D7168

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.



757267



68747D



7E6F6B

Square

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



68747D



7C6F77



7B7168



68756E

Rectangle

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



68747D



73717C



7B7168



717468

Sweetspot

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



68747D



9BA0A3



687D71



4D5052



D1D1D1



525252

Same Dimension

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



68747D



8395A3



686A7D



393D40



004980



000000

Inverse Universe

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



7D6874



A38395



7D7B68



40393D



800049



000000

Previews

White Background



This preview shows how the Hex color 68747D looks on a white background.

Color Contrast Check

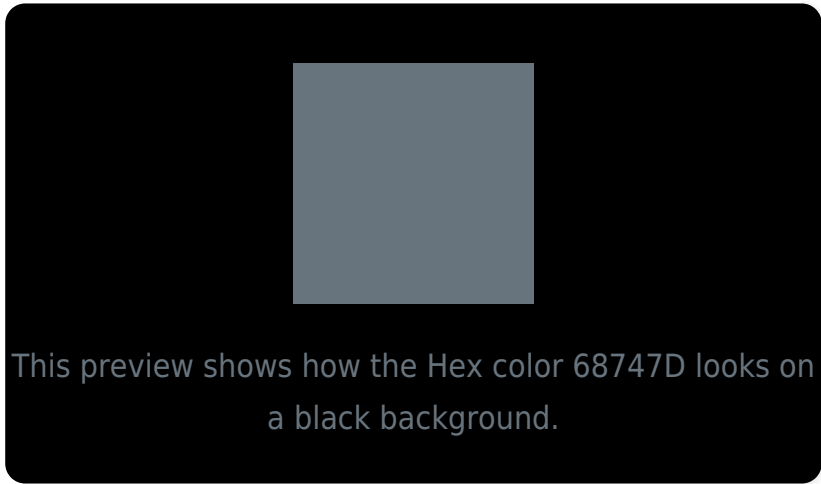
Large Text (above 18pt) WCAG AA ✓ Pass

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

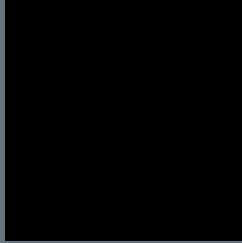
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

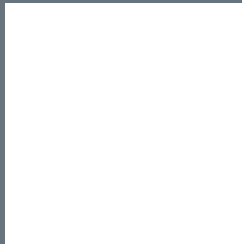
Any Text WCAG AAA × Fail

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

Hex 68747D Background



This preview shows how black text looks on a background with the Hex color 68747D.



This preview shows how white text looks on a background with the Hex color 68747D.

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

68747D

Protanopia

71717B

Deuteranopia

786F7E



Tritanopia
68747D

Trichromacy



Original Color
68747D

Protanomaly
6E727C

Deuteranomaly
72717E

Tritanomaly
68747D

Monochromacy



Original Color
68747D

Achromatopsia
717171

Achromatomaly
6E7275

CSS Examples

Text

The CSS property to change the color of the text to Hex 68747D 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 #68747D looks like.

```
.text, #text, p{  
    color:#68747D  
}
```

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 #68747D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68747D
}
```

Border

The CSS property to change the border of an element to Hex 68747D 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
#68747D }
```

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

```
.border{ border-color:#68747D }
```

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

Here you see how a box with a 4 pixel #68747D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68747D; -webkit-box-shadow:4px 4px  
4px 4px #68747D; box-shadow:4px 4px 4px  
4px #68747D }
```

Background

The CSS property to change the background color of an element to Hex 68747D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68747D }
```

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

```
.background{ background-color:#68747D }
```

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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