

Converting Colors

Hex(68746B)

Have a look what the booklet for
Hex(68746B) contains.

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Color

Hex(68746B)

Conversions

Conversions Part 1

Format	Color
Hex	68746B
RGB	104, 116, 107
RGB Percent	41%, 45%, 42%
CMY	0.5922, 0.5451, 0.5804
CMYK	0.10, 0.00, 0.08, 0.55
HSL	135°, 5%, 43%
HSV	135°, 10%, 45%
XYZ	14.6082, 16.4954, 16.3239
YIQ	111.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

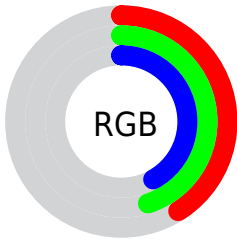
Format	Color
RYB	104, 114, 116
Decimal	6845547
CIELab	47.62, -6.39, 3.44
CIELCh	48, 7.254, 151.703
Yxy	16.4954, 0.3080, 0.3478
Android (android.graphics.Color)	4285035627 (0xFF68746B)
YUV	111.3860, -2.1623, -6.4775
Hunter-Lab	40.6145, -6.8728, 4.6001

Details

The Hex color **68746B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746871**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9BA89E**, and **39443C** is the 20% darker color. If you saturate the color by 10%, you get **5C7462**, and if you desaturate by 10%, it is **747474**.

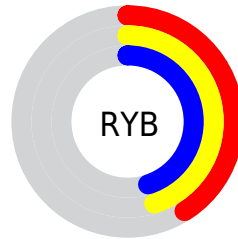
Distribution



Red (41%)

Green (45%)

Blue (42%)



Red (41%)

Yellow (45%)

Blue (45%)

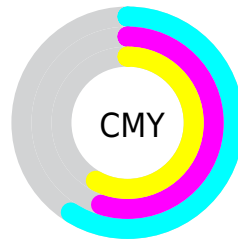


Cyan (10%)

Magenta (0%)

Yellow (8%)

Black (55%)



Cyan (59%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68746B 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 68746B by changing the saturation by 10% instead.



68746B



68746B

FFFFFF



505B53



9BA89E



39443C



B6C3B9



232E26



D2DFD5



0E1911



EEFCF1



000000



68746B



68746B



5C7462



747474



51745A



7F747C



457451



8B7485

■ 3A7448

■ 96748E

■ 2E7440

■ A27496

■ 227437

■ AE749F

■ 17742E

■ B974A8

■ 0B7425

■ C574B1

■ 00741D

■ D074B9

Harmonies

Analogous

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



6F7367



68746B



637571

Triad

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



68746B



6B717D



7E6D6B

Complementary

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



68746B



746871

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.



7E6D71



68746B



736F7B

Square

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



68746B



65737B



796E77



7B6F66

Rectangle

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



68746B



627575



796E77



7E6D6D

Sweetspot

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



68746B



929693



717468



494D4A



CCCCCC



4D4D4D

Same Dimension

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



68746B



849689



687471



353B36



007A1F



00FA3E

Inverse Universe

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



746871



968492



74686B



3B3539



7A005C



FA00BB

Previews

White Background



This preview shows how the Hex color 68746B looks on a white background.

Color Contrast Check

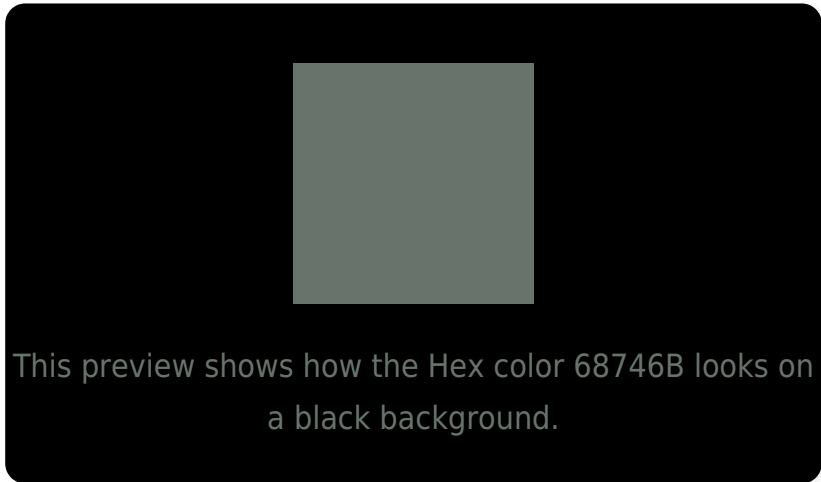
Large Text (above 18pt) WCAG AA ✓ Pass

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

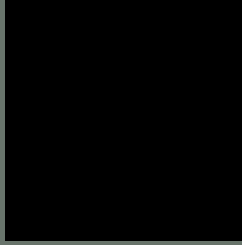
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

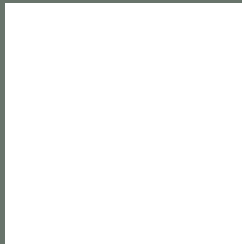
Any Text WCAG AAA × Fail

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

Hex 68746B Background



This preview shows how black text looks on a background with the Hex color 68746B.



This preview shows how white text looks on a background with the Hex color 68746B.

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
68746B

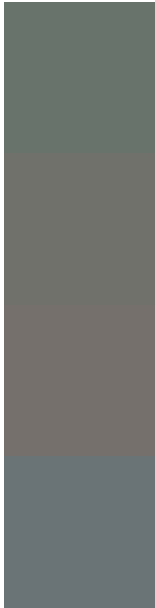
Protanopia
757069

Deuteranopia
7D6D6C



Tritanopia
6B727B

Trichromacy



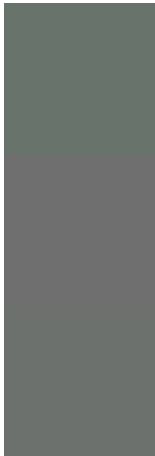
Original Color
68746B

Protanomaly
70716A

Deuteranomaly
75706C

Tritanomaly
6A7375

Monochromacy



Original Color
68746B

Achromatopsia
6F6F6F

Achromatomaly
6C716E

CSS Examples

Text

The CSS property to change the color of the text to Hex 68746B 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 #68746B looks like.

```
.text, #text, p{  
    color:#68746B  
}
```

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 #68746B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68746B
}
```

Border

The CSS property to change the border of an element to Hex 68746B is called "border". The border property can be set on classes, ids or directly on the HTML element.

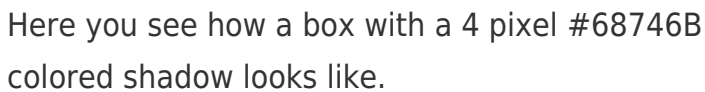
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68746B }
```

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

```
.border{ border-color:#68746B }
```

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



Here you see how a box with a 4 pixel #68746B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68746B; -webkit-box-shadow:4px 4px  
4px 4px #68746B; box-shadow:4px 4px 4px  
4px #68746B }
```

Background

The CSS property to change the background color of an element to Hex 68746B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68746B }
```

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

```
.background{ background-color:#68746B }
```

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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