

# Converting Colors

Hex(686F68)

Have a look what the booklet for  
Hex(686F68) contains.

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# Color

**Hex(686F68)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	686F68
RGB	104, 111, 104
RGB Percent	41%, 44%, 41%
CMY	0.5922, 0.5647, 0.5922
CMYK	0.06, 0.00, 0.06, 0.56
HSL	120°, 3%, 42%
HSV	120°, 6%, 44%
XYZ	13.8920, 15.3114, 15.3199
YIQ	108.1090, -1.9250, -3.6610

# Conversions

## Conversions Part 2

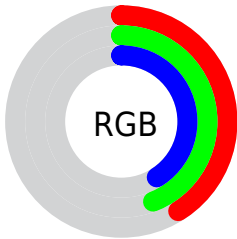
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 111, 111
Decimal	6844264
CIE <sub>Lab</sub>	46.06, -4.11, 2.97
CIE <sub>LCh</sub>	46, 5.075, 144.134
Yxy	15.3114, 0.3120, 0.3439
Android (android.graphics.Color)	4285034344 (0xFF686F68)
YUV	108.1090, -2.0257, -3.6036
Hunter-Lab	39.1298, -5.1052, 4.1779

# Details

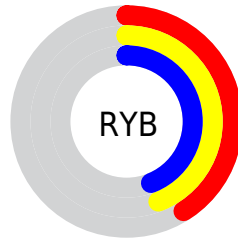
The Hex color **686F68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F686F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9BA39B**, and **393F39** is the 20% darker color. If you saturate the color by 10%, you get **5D6F5D**, and if you desaturate by 10%, it is **736F73**.

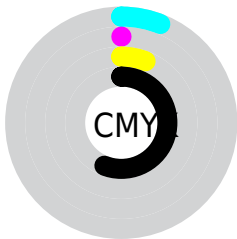
# Distribution



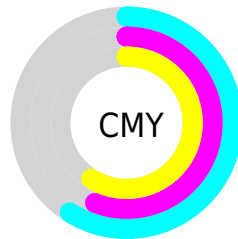
- Red (41%)
- Green (44%)
- Blue (41%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (56%)



- Cyan (59%)
- Magenta (56%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 686F68 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 686F68 by changing the saturation by 10% instead.





686F68



686F68

FFFFFF



505750



9BA39B



393F39



B6BEB6



242924



D2D9D1



0E150E



EEF6EE



000000



686F68



686F68



5D6F5D



736F73



526F52



7E6F7E



476F47



896F89

■ 3C6F3C

■ 946F94

■ 316F31

■ A06FA0

■ 256F25

■ AB6FAB

■ 1A6F1A

■ B66FB6

■ 0F6F0F

■ C16FC1

■ 046F04

■ CC6FCC

# Harmonies

## Analogous

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



6D6E65



686F68



64706C

# Triad

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



686F68



686E75



766A6A

# Complementary

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



686F68



6F686F

# 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.



756A6E



686F68



6D6C75

# Square

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



686F68



646F74



726B72



756B66

# Rectangle

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



686F68



63706F



726B72



766A6B



# Sweetspot

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



686F68



8E918E



6F6F68



484A48



C9C9C9



4A4A4A



# Same Dimension

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



686F68



869186



686F6C



323832



007800



00F700



# Inverse Universe

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



6F686F



918691



6F686C



383238



780078



F700F7



# Previews

## White Background



This preview shows how the Hex color 686F68 looks on a white background.

## Color Contrast Check

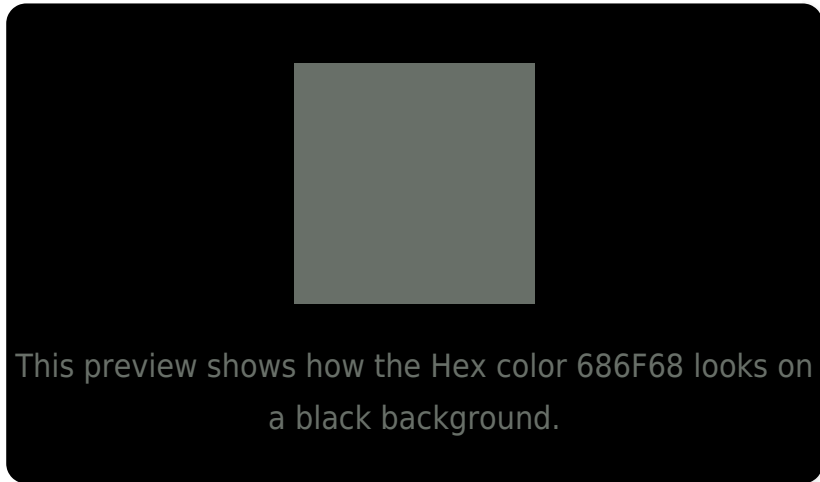
Large Text (above 18pt) WCAG AA ✓ Pass

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

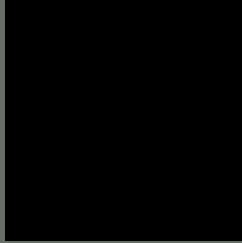
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

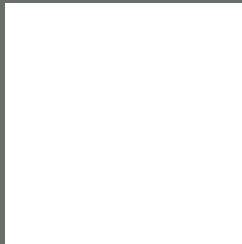
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 686F68 Background



This preview shows how black text looks on a background with the Hex color 686F68.



This preview shows how white text looks on a background with the Hex color 686F68.

# 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**  
686F68

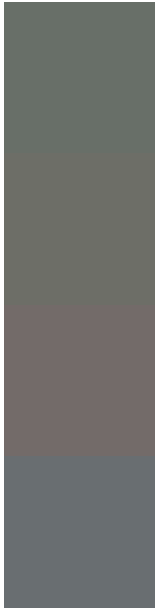
**Protanopia**  
706D67

**Deuteranopia**  
796969



**Tritanopia**  
6A6D76

# Trichromacy



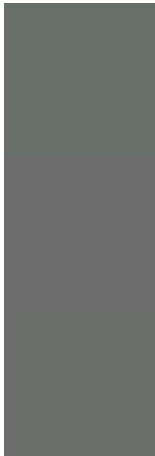
**Original Color**  
686F68

**Protanomaly**  
6D6E67

**Deuteranomaly**  
736B69

**Tritanomaly**  
696E71

# Monochromacy



**Original Color**  
686F68

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6B6D6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 686F68 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 #686F68 looks like.

```
.text, #text, p{  
    color:#686F68  
}
```

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 #686F68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686F68  
}
```

## Border

The CSS property to change the border of an element to Hex 686F68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

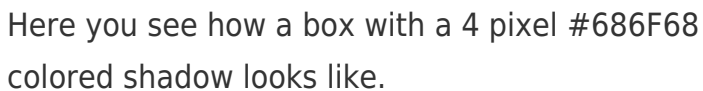
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#686F68 }
```

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

```
.border{ border-color:#686F68 }
```

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



Here you see how a box with a 4 pixel #686F68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686F68; -webkit-box-shadow:4px 4px  
4px 4px #686F68; box-shadow:4px 4px 4px  
4px #686F68 }
```

# Background

The CSS property to change the background color of an element to Hex 686F68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686F68 }
```

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

```
.background{ background-color:#686F68 }
```

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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