

# Converting Colors

Hex(686F63)

Have a look what the booklet for  
Hex(686F63) contains.

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# Color

**Hex(686F63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	686F63
RGB	104, 111, 99
RGB Percent	41%, 44%, 39%
CMY	0.5922, 0.5647, 0.6118
CMYK	0.06, 0.00, 0.11, 0.56
HSL	95°, 6%, 41%
HSV	95°, 11%, 44%
XYZ	13.6455, 15.2128, 14.0215
YIQ	107.5390, -0.3200, -5.2160

# Conversions

## Conversions Part 2

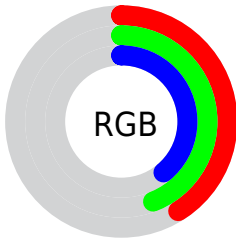
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 111, 106
Decimal	6844259
CIE Lab	45.92, -5.10, 5.77
CIE LCh	46, 7.703, 131.503
Yxy	15.2128, 0.3182, 0.3548
Android (android.graphics.Color)	4285034339 (0xFF686F63)
YUV	107.5390, -4.2097, -3.1037
Hunter-Lab	39.0036, -5.8076, 5.9881

# Details

The Hex color **686F63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A636F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9BA396**, and **393F35** is the 20% darker color. If you saturate the color by 10%, you get **626F58**, and if you desaturate by 10%, it is **6E6F6E**.

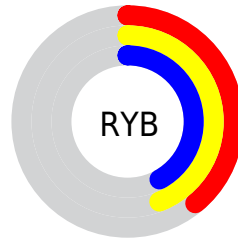
# Distribution



Red (41%)

Green (44%)

Blue (39%)



Red (39%)

Yellow (44%)

Blue (42%)

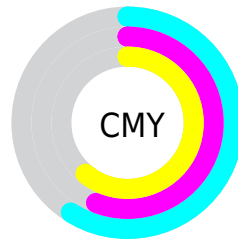


Cyan (6%)

Magenta (0%)

Yellow (11%)

Black (56%)



Cyan (59%)

Magenta (56%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 686F63 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 686F63 by changing the saturation by 10% instead.





686F63



686F63

FFFFFF



50574B



9BA396



393F35



B6BEB0



23291F



D2D9CC



0E1507



EEF6E8



000000



686F63



686F63



626F58



6E6F6E



5B6F4D



756F79



556F42



7B6F84

■ 4E6F37

■ 826F8F

■ 486F2C

■ 886F9B

■ 416F20

■ 8F6FA6

■ 3B6F15

■ 956FB1

■ 346F0A

■ 9C6FBC

■ 2E6F00

■ A26FC7

# Harmonies

## Analogous

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



6F6D60



686F63



617068

# Triad

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



686F63



626F79



7B686A

# Complementary

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



686F63



6A636F

# 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.



776971



686F63



696C79

# Square

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



686F63



5D7075



716A76



7A6964

# Rectangle

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



686F63



5E716D



716A76



7A686D



# Sweetspot

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



686F63



8F918D



6F6A63



484A47



C9C9C9



4A4A4A



# Same Dimension

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



686F63



86917E



636F64



353832



327800



67F700



# Inverse Universe

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



6A636F



897E91



6F636E



363238



460078



9000F7



# Previews

## White Background



This preview shows how the Hex color 686F63 looks on a white background.

## Color Contrast Check

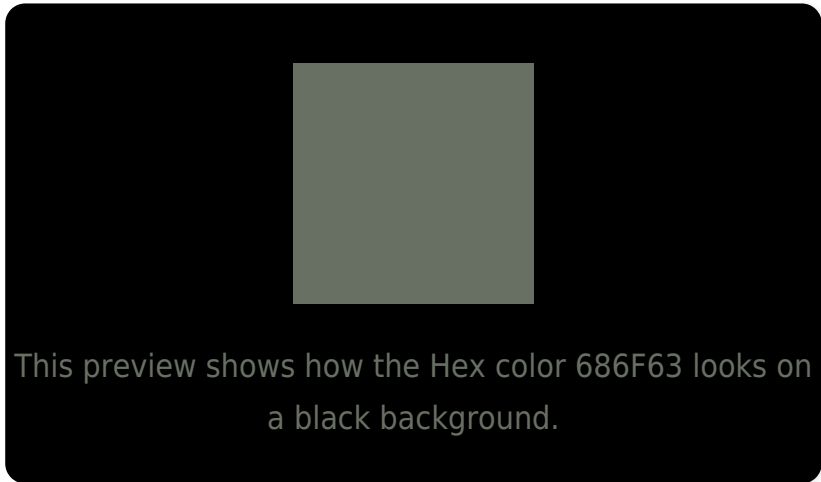
Large Text (above 18pt) WCAG AA ✓ Pass

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

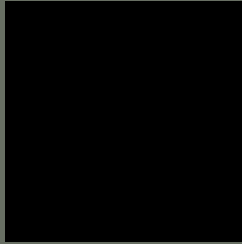
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 686F63 Background



This preview shows how black text looks on a background with the Hex color 686F63.



This preview shows how white text looks on a background with the Hex color 686F63.

# 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**  
686F63

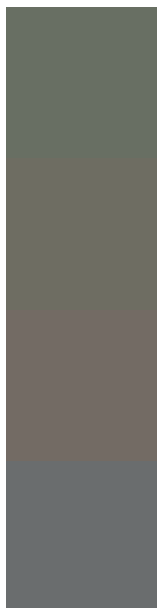
**Protanopia**  
716C62

**Deuteranopia**  
7A6964



**Tritanopia**  
6B6C75

# Trichromacy



**Original Color**

686F63

**Protanomaly**

6E6D62

**Deuteranomaly**

736B64

**Tritanomaly**

6A6D6E

# Monochromacy



**Original Color**

686F63

**Achromatopsia**

6C6C6C

**Achromatomaly**

6B6D69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 686F63 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 #686F63 looks like.

```
.text, #text, p{  
    color:#686F63  
}
```

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 #686F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686F63
}
```

## Border

The CSS property to change the border of an element to Hex 686F63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

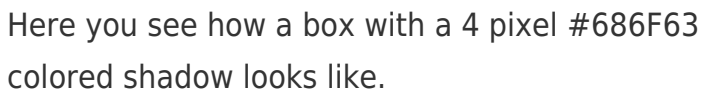
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686F63 }
```

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

```
.border{ border-color:#686F63 }
```

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



Here you see how a box with a 4 pixel #686F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686F63; -webkit-box-shadow:4px 4px  
4px 4px #686F63; box-shadow:4px 4px 4px  
4px #686F63 }
```

# Background

The CSS property to change the background color of an element to Hex 686F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686F63 }
```

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

```
.background{ background-color:#686F63 }
```

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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