

# Converting Colors

Hex(686C5F)

Have a look what the booklet for  
Hex(686C5F) contains.

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# Color

Hex(686C5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	686C5F
RGB	104, 108, 95
RGB Percent	41%, 42%, 37%
CMY	0.5922, 0.5765, 0.6275
CMYK	0.04, 0.00, 0.12, 0.58
HSL	78°, 6%, 40%
HSV	78°, 12%, 42%
XYZ	13.1370, 14.4944, 12.9318
YIQ	105.3220, 1.7890, -4.8910

# Conversions

## Conversions Part 2

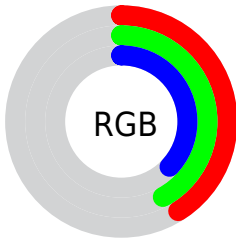
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 108, 99
Decimal	6843487
CIELab	44.93, -4.13, 6.75
CIElCh	45, 7.911, 121.455
Yxy	14.4944, 0.3239, 0.3573
Android (android.graphics.Color)	4285033567 (0xFF686C5F)
YUV	105.3220, -5.0887, -1.1594
Hunter-Lab	38.0715, -5.0316, 6.5110

# Details

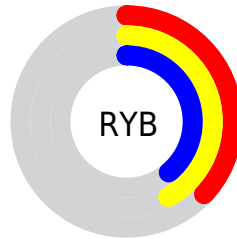
The Hex color **686C5F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **635F6C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9B9F91**, and **393D31** is the 20% darker color. If you saturate the color by 10%, you get **656C54**, and if you desaturate by 10%, it is **6B6C6A**.

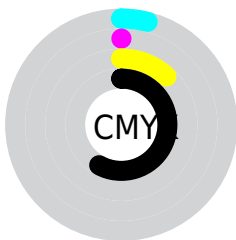
# Distribution



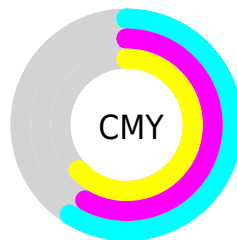
- Red (41%)
- Green (42%)
- Blue (37%)



- Red (37%)
- Yellow (42%)
- Blue (39%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 686C5F 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 686C5F by changing the saturation by 10% instead.





686C5F



686C5F

FFFFFF



505447



9B9F91



393D31



B6BAAC



23271C



D2D6C7



0E1201



EEF2E3



000000



686C5F



686C5F



656C54



6B6C6A



616C49



6F6C75



5E6C3F



726C7F

■ 5B6C34

■ 756C8A

■ 576C29

■ 796C95

■ 546C1E

■ 7C6CA0

■ 516C13

■ 7F6CAB

■ 4D6C09

■ 836CB5

■ 4B6C00

■ 866CC0

# Harmonies

## Analogous

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



6F6A5D



686C5F



616E64

# Triad

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



686C5F



5D6D76



78666A

# Complementary

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



686C5F



635F6C

# 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.



736771



686C5F



646B77

# Square

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



686C5F



5A6E71



6C6976



786664

# Rectangle

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



686C5F



5D6E68



6C6976



77666C



# Sweetspot

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



686C5F



8B8C87



6C635F



464744



C7C7C7



474747



# Same Dimension

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



686C5F



868C79



626C5F



343630



517500



A9F500



# Inverse Universe

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



635F6C



7F798C



695F6C



323036



240075



4B00F5



# Previews

## White Background



This preview shows how the Hex color 686C5F looks on a white background.

## Color Contrast Check

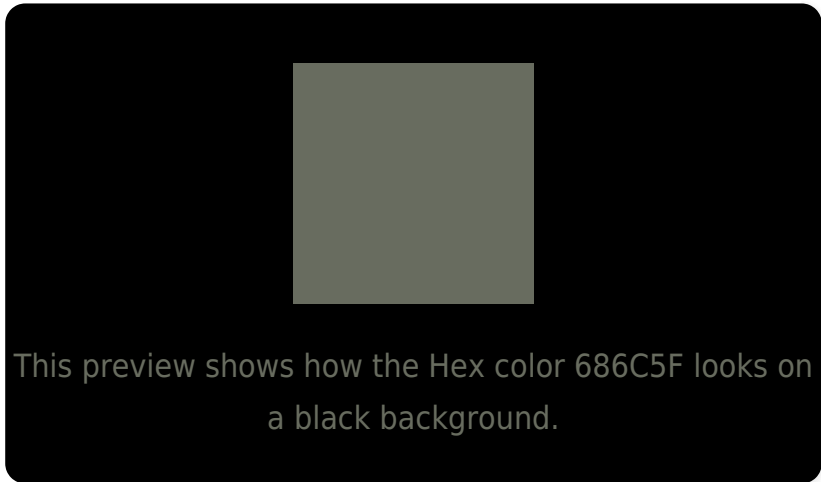
Large Text (above 18pt) WCAG AA ✓ Pass

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

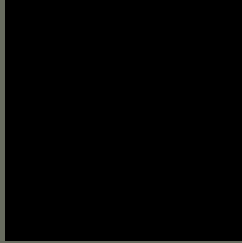
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

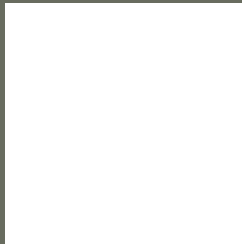
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 686C5F Background



This preview shows how black text looks on a background with the Hex color 686C5F.



This preview shows how white text looks on a background with the Hex color 686C5F.

# 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**  
686C5F

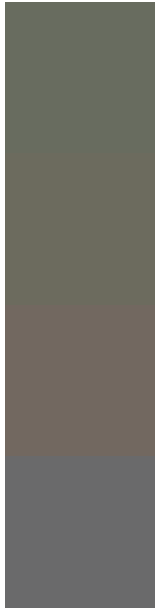
**Protanopia**  
6F6A5E

**Deuteranopia**  
786660



**Tritanopia**  
6B6972

# Trichromacy



**Original Color**  
686C5F

**Protanomaly**  
6C6B5E

**Deuteranomaly**  
726860

**Tritanomaly**  
6A6A6B

# Monochromacy



**Original Color**  
686C5F

**Achromatopsia**  
696969

**Achromatomaly**  
696A65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 686C5F 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 #686C5F looks like.

```
.text, #text, p{  
    color:#686C5F  
}
```

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 #686C5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686C5F
}
```

## Border

The CSS property to change the border of an element to Hex 686C5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

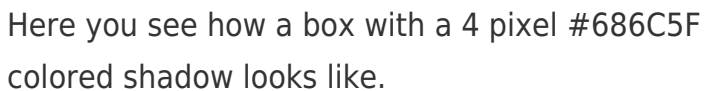
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686C5F }
```

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

```
.border{ border-color:#686C5F }
```

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



Here you see how a box with a 4 pixel #686C5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686C5F; -webkit-box-shadow:4px 4px  
4px 4px #686C5F; box-shadow:4px 4px 4px  
4px #686C5F }
```

# Background

The CSS property to change the background color of an element to Hex 686C5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686C5F }
```

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

```
.background{ background-color:#686C5F }
```

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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