

# Converting Colors

Hex(686C3F)

Have a look what the booklet for  
Hex(686C3F) contains.

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# Color

Hex(686C3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	686C3F
RGB	104, 108, 63
RGB Percent	41%, 42%, 25%
CMY	0.5922, 0.5765, 0.7529
CMYK	0.04, 0.00, 0.42, 0.58
HSL	65°, 26%, 34%
HSV	65°, 42%, 42%
XYZ	11.9687, 14.0271, 6.7793
YIQ	101.6740, 12.0610, -14.8430

# Conversions

## Conversions Part 2

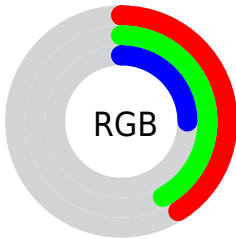
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 108, 67
Decimal	6843455
CIELab	44.27, -9.18, 24.65
CIELCh	44, 26.301, 110.423
Yxy	14.0271, 0.3652, 0.4280
Android (android.graphics.Color)	4285033535 (0xFF686C3F)
YUV	101.6740, -19.0663, 2.0399
Hunter-Lab	37.4527, -8.4994, 15.4848

# Details

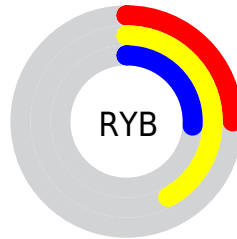
The Hex color **686C3F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **433F6C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9C9F6F**, and **383D12** is the 20% darker color. If you saturate the color by 10%, you get **676C34**, and if you desaturate by 10%, it is **696C4A**.

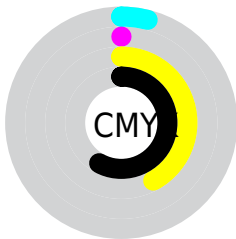
# Distribution



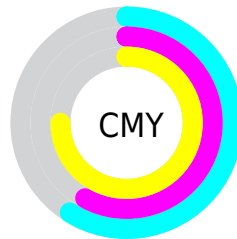
- Red (41%)
- Green (42%)
- Blue (25%)



- Red (25%)
- Yellow (42%)
- Blue (26%)



- Cyan (4%)
- Magenta (0%)
- Yellow (42%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 686C3F 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 686C3F by changing the saturation by 10% instead.





686C3F



686C3F

FFFFFF



4F5428



9C9F6F



383D12



B7BA89



232700



D3D6A4



001300



F0F2BF



000000



FFFFDB



FFFFF7



686C3F



686C3F



676C34



696C4A

666C29

6A6C55

656C1F

6B6C5F

646C14

6C6C6A

636C09

6D6C75

626C00

6E6C80

6F6C8B

706C95

716CA0

# Harmonies

## Analogous

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



7D653E



686C3F



4F714C

# Triad

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



686C3F



16728A



8F5871

# Complementary

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



686C3F



433F6C

# 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.



7D5E85



686C3F



3D6D93

# Square

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



686C3F



137477



616692



93585B

# Rectangle

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



686C3F



3C7359



616692



8A5A78



# Sweetspot

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



686C3F



8B8C7A



6C433F



46473C



C7C7C7



474747



# Same Dimension

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



686C3F



868C46



526C3F



353630



6B7500



DFF500



# Inverse Universe

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



433F6C



4C468C



593F6C



313036



0A0075



1600F5



# Previews

## White Background



This preview shows how the Hex color 686C3F looks on a white background.

## Color Contrast Check

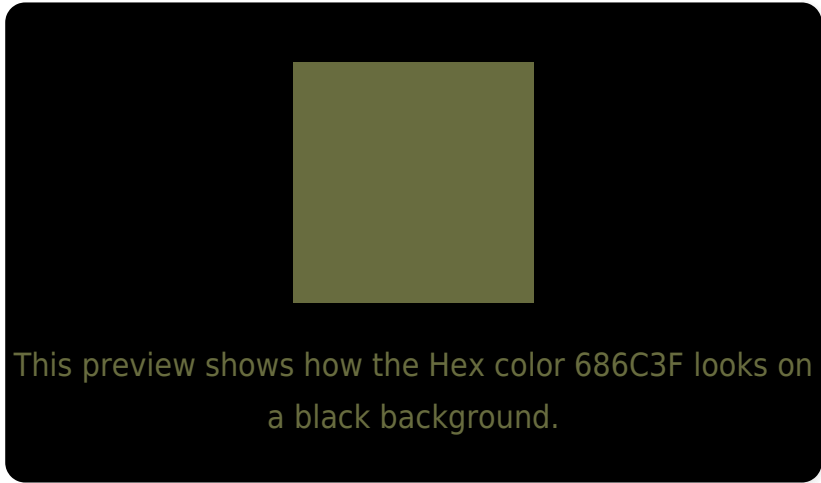
Large Text (above 18pt) WCAG AA ✓ Pass

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

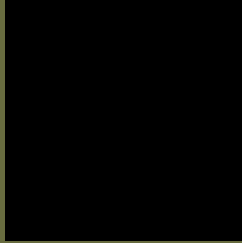
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 686C3F Background



This preview shows how black text looks on a background with the Hex color 686C3F.



This preview shows how white text looks on a background with the Hex color 686C3F.

# 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**  
686C3F

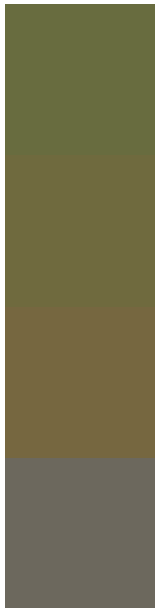
**Protanopia**  
73693E

**Deuteranopia**  
7E6441



**Tritanopia**  
6E666E

# Trichromacy



**Original Color**  
686C3F

**Protanomaly**  
6F6A3E

**Deuteranomaly**  
766740

**Tritanomaly**  
6C685D

# Monochromacy



**Original Color**  
686C3F

**Achromatopsia**  
666666

**Achromatomaly**  
676858

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 686C3F 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 #686C3F looks like.

```
.text, #text, p{  
    color:#686C3F  
}
```

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 #686C3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686C3F
}
```

## Border

The CSS property to change the border of an element to Hex 686C3F 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
#686C3F }
```

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

```
.border{ border-color:#686C3F }
```

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

Here you see how a box with a 4 pixel #686C3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686C3F; -webkit-box-shadow:4px 4px  
4px 4px #686C3F; box-shadow:4px 4px 4px  
4px #686C3F }
```

# Background

The CSS property to change the background color of an element to Hex 686C3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686C3F }
```

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

```
.background{ background-color:#686C3F }
```

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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