

# Converting Colors

Hex(686751)

Have a look what the booklet for  
Hex(686751) contains.

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# Color

**Hex(686751)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	686751
RGB	104, 103, 81
RGB Percent	41%, 40%, 32%
CMY	0.5922, 0.5961, 0.6824
CMYK	0.00, 0.01, 0.22, 0.59
HSL	57°, 12%, 36%
HSV	57°, 22%, 41%
XYZ	12.0444, 13.2376, 9.7049
YIQ	100.7910, 7.6580, -6.6300

# Conversions

## Conversions Part 2

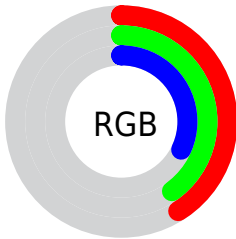
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 104, 81
Decimal	6842193
CIE Lab	43.12, -3.68, 12.59
CIE LCh	43, 13.118, 106.302
Yxy	13.2376, 0.3443, 0.3784
Android (android.graphics.Color)	4285032273 (0xFF686751)
YUV	100.7910, -9.7570, 2.8143
Hunter-Lab	36.3836, -4.5808, 9.6536

# Details

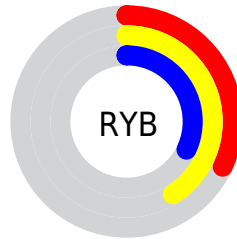
The Hex color **686751** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **515268**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9B9A82**, and **393824** is the 20% darker color. If you saturate the color by 10%, you get **686747**, and if you desaturate by 10%, it is **68675B**.

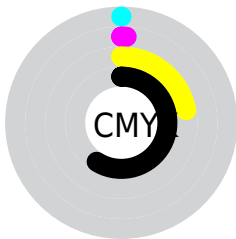
# Distribution



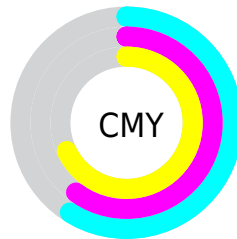
- Red (41%)
- Green (40%)
- Blue (32%)



- Red (32%)
- Yellow (41%)
- Blue (32%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (59%)



- Cyan (59%)
- Magenta (60%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 686751 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 686751 by changing the saturation by 10% instead.





686751



686751

FFFFFF



504F3A



9B9A82



393824



B6B59C



23230F



D2D0B7



080D00



EEEDD3



000000



FFFFEF



686751



686751



686747



68675B



68663C



686866

■ 686632

■ 686870

■ 686527

■ 68697B

■ 68651D

■ 686985

■ 686413

■ 686A8F

■ 686408

■ 686A9A

■ 686300

■ 686BA4

■ 686BAF

# Harmonies

## Analogous

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



736351



686751



5C6A57

# Triad

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



686751



4A6B75



795F6B

# Complementary

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



686751



515268

# 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.



6F6175



686751



53687B

# Square

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



686751



496C6B



61657B



7D5E60

# Rectangle

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



686751



546B5D



61657B



765F6F



# Sweetspot

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



686751



87877E



685152



45453F



C4C4C4



454545



# Same Dimension

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



686751



878663



5E6851



33332E



736E00



F2E800



# Inverse Universe

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



515268



636487



5B5168



2E2E33



000573



000BF2



# Previews

## White Background



This preview shows how the Hex color 686751 looks on a white background.

## Color Contrast Check

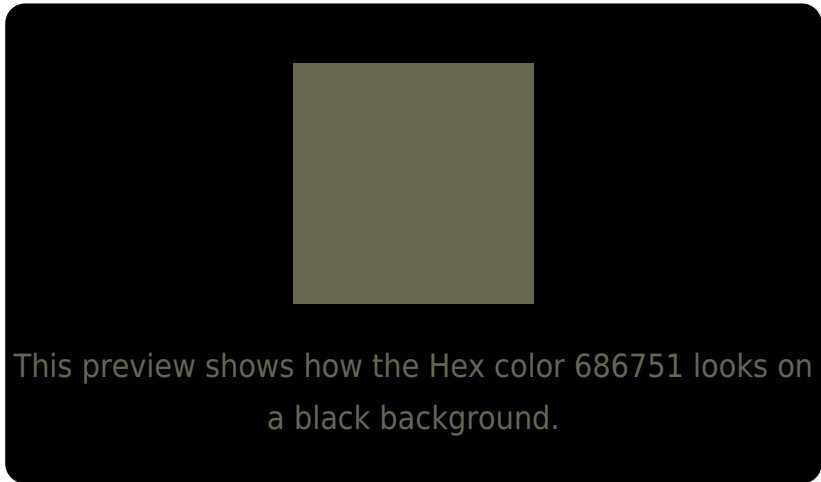
Large Text (above 18pt) WCAG AA ✓ Pass

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

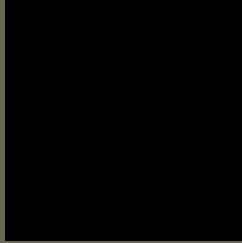
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 686751 Background



This preview shows how black text looks on a background with the Hex color 686751.



This preview shows how white text looks on a background with the Hex color 686751.

# 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**  
686751

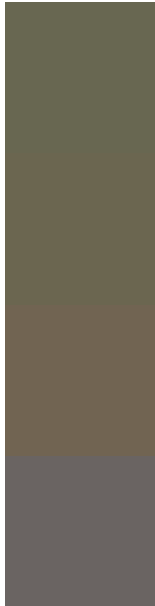
**Protanopia**  
6C6650

**Deuteranopia**  
766252



**Tritanopia**  
6B636B

# Trichromacy



**Original Color**  
686751

**Protanomaly**  
6B6650

**Deuteranomaly**  
716452

**Tritanomaly**  
6A6462

# Monochromacy



**Original Color**  
686751

**Achromatopsia**  
656565

**Achromatomaly**  
66665E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 686751 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 #686751 looks like.

```
.text, #text, p{  
    color:#686751  
}
```

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 #686751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686751
}
```

## Border

The CSS property to change the border of an element to Hex 686751 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".

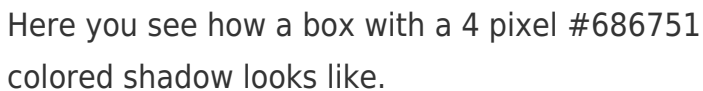
```
.border, #border, table{ border:4px solid
#686751 }
```

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

```
.border{ border-color:#686751 }
```

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

Here you see how a box with a 4 pixel #686751 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686751; -webkit-box-shadow:4px 4px  
4px 4px #686751; box-shadow:4px 4px 4px  
4px #686751 }
```

# Background

The CSS property to change the background color of an element to Hex 686751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686751 }
```

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

```
.background{ background-color:#686751 }
```

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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