

# Converting Colors

Hex(686665)

Have a look what the booklet for  
Hex(686665) contains.

<b>Hex(686665)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(686665)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	686665
RGB	104, 102, 101
RGB Percent	41%, 40%, 40%
CMY	0.5922, 0.6000, 0.6039
CMYK	0.00, 0.02, 0.03, 0.59
HSL	20°, 1%, 40%
HSV	20°, 3%, 41%
XYZ	12.8093, 13.3854, 14.2204
YIQ	102.4840, 1.5130, 0.1130

# Conversions

## Conversions Part 2

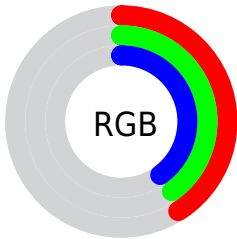
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 103, 101
Decimal	6841957
CIE Lab	43.34, 0.58, 0.84
CIE LCh	43, 1.017, 55.186
Yxy	13.3854, 0.3169, 0.3312
Android (android.graphics.Color)	4285032037 (0xFF686665)
YUV	102.4840, -0.7316, 1.3295
Hunter-Lab	36.5860, -1.5304, 2.5651

# Details

The Hex color **686665** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **656768**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9B9998**, and **393736** is the 20% darker color. If you saturate the color by 10%, you get **685F5B**, and if you desaturate by 10%, it is **686D6F**.

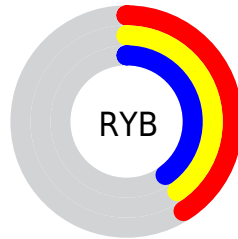
# Distribution



Red (41%)

Green (40%)

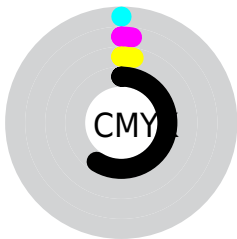
Blue (40%)



Red (41%)

Yellow (40%)

Blue (40%)

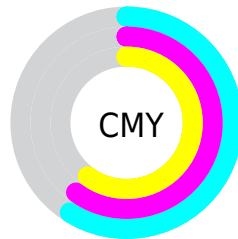


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (59%)



Cyan (59%)

Magenta (60%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 686665 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 686665 by changing the saturation by 10% instead.



686665

686665

FFFFFF

504E4D

9B9998

393736

B6B4B3

242221

D1CFCE

0E0C0A

EEEBEA

000000

686665

686665

685F5B

686D6F

685850

68747A

685146

687B84

684A3B

68828F

684331

688999

683C27

6890A3

68351C

6897AE

682F12

689DB8

682807

68A4C3

# Harmonies

## Analogous

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



686666



686665



676665

# Triad

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



686665



656766



666668

# Complementary

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



686665



656768

# 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.



656668



686665



646767

# Square

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



686665



656765



656768



676667

# Rectangle

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



686665



676665



656768



666668



# Sweetspot

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



686665



878686



686567



454444



C4C4C4



454545



# Same Dimension

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



686665



878483



686865



333231



732600



F25100



# Inverse Universe

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



656768



838687



656668



313233



004C73



00A1F2



# Previews

## White Background



This preview shows how the Hex color 686665 looks on a white background.

## Color Contrast Check

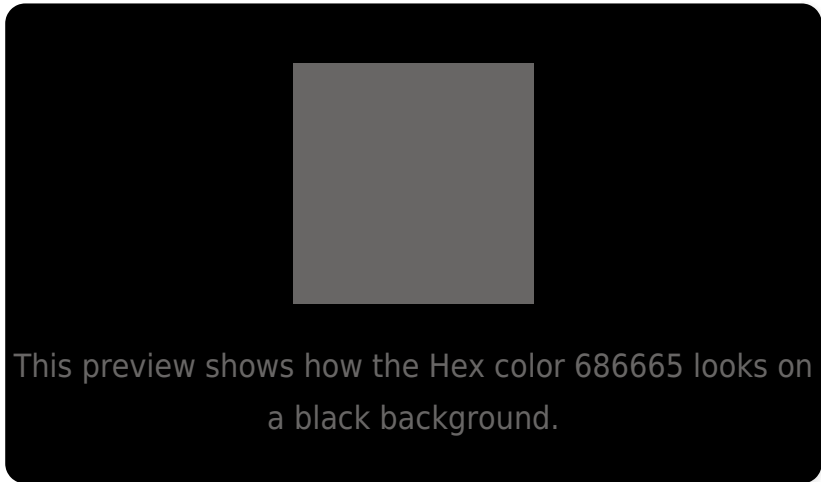
Large Text (above 18pt) WCAG AA ✓ Pass

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

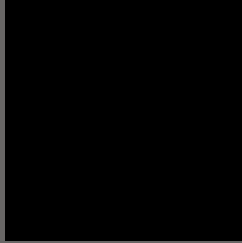
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

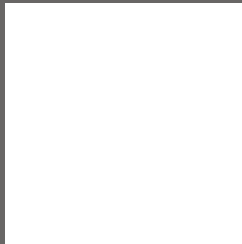
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 686665 Background



This preview shows how black text looks on a background with the Hex color 686665.



This preview shows how white text looks on a background with the Hex color 686665.

# 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**  
686665

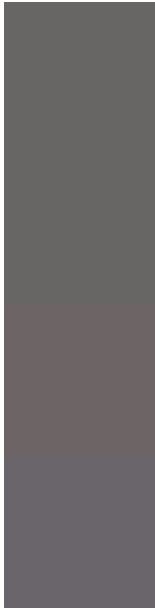
**Protanopia**  
686665

**Deuteranopia**  
706366



**Tritanopia**  
69656D

# Trichromacy



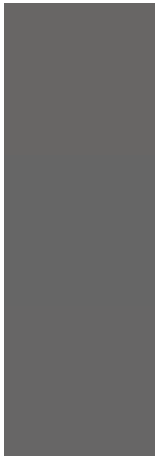
**Original Color**  
686665

**Protanomaly**  
686665

**Deuteranomaly**  
6D6466

**Tritanomaly**  
69656A

# Monochromacy



**Original Color**  
686665

**Achromatopsia**  
666666

**Achromatomaly**  
676666

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 686665 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 #686665 looks like.

```
.text, #text, p{  
    color:#686665  
}
```

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 #686665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686665
}
```

## Border

The CSS property to change the border of an element to Hex 686665 is called "border". The border property can be set on classes, ids or directly on the HTML element.

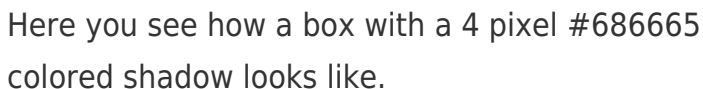
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686665 }
```

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

```
.border{ border-color:#686665 }
```

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



Here you see how a box with a 4 pixel #686665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686665; -webkit-box-shadow:4px 4px  
4px 4px #686665; box-shadow:4px 4px 4px  
4px #686665 }
```

# Background

The CSS property to change the background color of an element to Hex 686665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686665 }
```

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

```
.background{ background-color:#686665 }
```

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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