

# Converting Colors

Hex(676265)

Have a look what the booklet for  
Hex(676265) contains.

<b>Hex(676265)</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(676265)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676265
RGB	103, 98, 101
RGB Percent	40%, 38%, 40%
CMY	0.5961, 0.6157, 0.6039
CMYK	0.00, 0.05, 0.02, 0.60
HSL	324°, 2%, 39%
HSV	324°, 5%, 40%
XYZ	12.3102, 12.5585, 14.0871
YIQ	99.8370, 2.0170, 1.9930

# Conversions

## Conversions Part 2

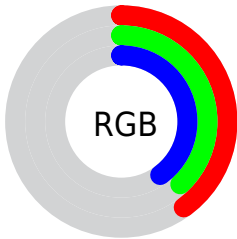
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 98, 101
Decimal	6775397
CIE Lab	42.09, 2.59, -1.00
CIE LCh	42, 2.772, 338.888
Yxy	12.5585, 0.3160, 0.3224
Android (android.graphics.Color)	4284965477 (0xFF676265)
YUV	99.8370, 0.5734, 2.7740
Hunter-Lab	35.4380, -0.0106, 1.2379

# Details

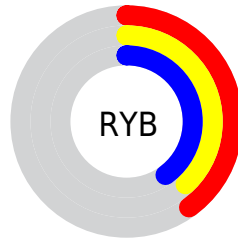
The Hex color **676265** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **626764**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9A9598**, and **383436** is the 20% darker color. If you saturate the color by 10%, you get **675861**, and if you desaturate by 10%, it is **676C69**.

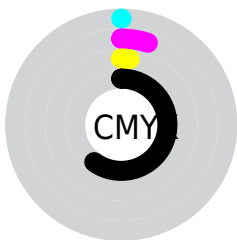
# Distribution



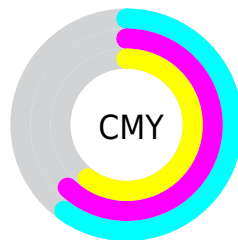
- Red (40%)
- Green (38%)
- Blue (40%)



- Red (40%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676265 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 676265 by changing the saturation by 10% instead.



676265

676265

FFFFFF

4F4A4D

9A9598

383436

B5AFB3

231F21

D0CBCE

0D060A

EDE7EA

000000

676265

676265

675861

676C69

674D5D

67776D

674359

678171

■ 673955

■ 678B75

■ 672F50

■ 67967A

■ 67244C

■ 67A07E

■ 671A48

■ 67AA82

■ 671044

■ 67B486

■ 670540

■ 67BF8A

# Harmonies

## Analogous

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



656367



676265



686263

# Triad

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



676265



65635F



5E6566

# Complementary

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



676265



626764

# 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.



5E6564



676265



626460

# Square

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



676265



67635F



606562



5F6467

# Rectangle

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



676265



686261



606562



5E6565



# Sweetspot

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



676265



878687



646267



454445



C4C4C4



454545



# Same Dimension

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



676265



877F84



676263



332F32



730045



F20091



# Inverse Universe

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



676265



877F84



626767



332F32



730045



F20091



# Previews

## White Background



This preview shows how the Hex color 676265 looks on a white background.

## Color Contrast Check

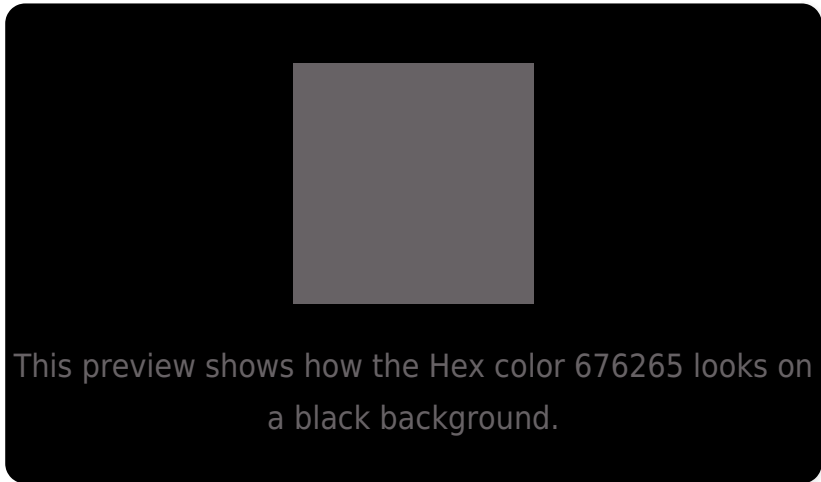
Large Text (above 18pt) WCAG AA ✓ Pass

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

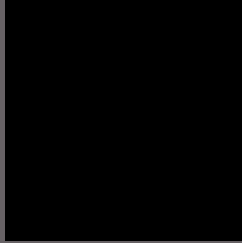
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 676265 Background



This preview shows how black text looks on a background with the Hex color 676265.

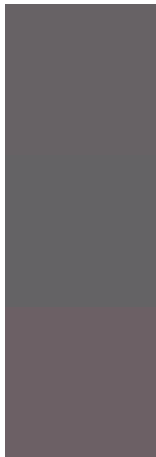


This preview shows how white text looks on a background with the Hex color 676265.

# 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**  
676265

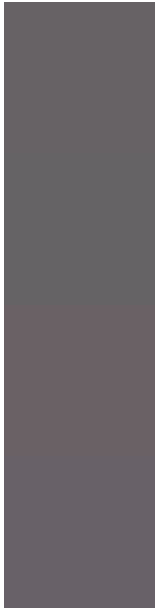
**Protanopia**  
646365

**Deuteranopia**  
6C6065



**Tritanopia**  
686169

# Trichromacy



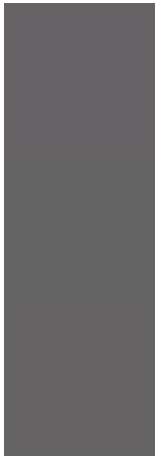
**Original Color**  
676265

**Protanomaly**  
656365

**Deuteranomaly**  
6A6165

**Tritanomaly**  
686168

# Monochromacy



**Original Color**  
676265

**Achromatopsia**  
646464

**Achromatomaly**  
656364

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676265 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 #676265 looks like.

```
.text, #text, p{  
  color:#676265  
}
```

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 #676265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676265
}
```

## Border

The CSS property to change the border of an element to Hex 676265 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
#676265 }
```

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

```
.border{ border-color:#676265 }
```

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

Here you see how a box with a 4 pixel #676265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676265; -webkit-box-shadow:4px 4px  
4px 4px #676265; box-shadow:4px 4px 4px  
4px #676265 }
```

# Background

The CSS property to change the background color of an element to Hex 676265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676265 }
```

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

```
.background{ background-color:#676265 }
```

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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