

# Converting Colors

Hex(676067)

Have a look what the booklet for  
Hex(676067) contains.

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# Color

**Hex(676067)**

# Conversions

## Conversions Part 1

Format	Color
Hex	676067
RGB	103, 96, 103
RGB Percent	40%, 38%, 40%
CMY	0.5961, 0.6235, 0.5961
CMYK	0.00, 0.07, 0.00, 0.60
HSL	300°, 4%, 39%
HSV	300°, 7%, 40%
XYZ	12.2246, 12.2286, 14.5480
YIQ	98.8910, 1.9250, 3.6610

# Conversions

## Conversions Part 2

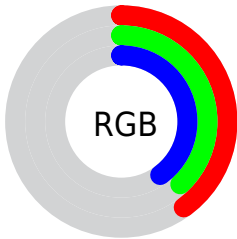
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 96, 103
Decimal	6774887
CIE Lab	41.58, 4.21, -2.97
CIE LCh	42, 5.155, 324.760
Yxy	12.2286, 0.3134, 0.3135
Android (android.graphics.Color)	4284964967 (0xFF676067)
YUV	98.8910, 2.0257, 3.6036
Hunter-Lab	34.9694, 1.2035, -0.1873

# Details

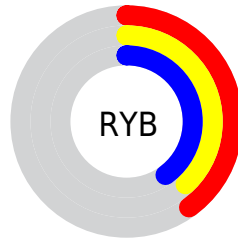
The Hex color **676067** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **606760**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9A929A**, and **383238** is the 20% darker color. If you saturate the color by 10%, you get **675667**, and if you desaturate by 10%, it is **676A67**.

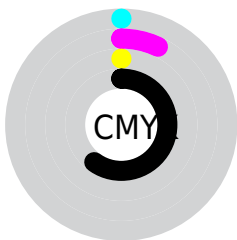
# Distribution



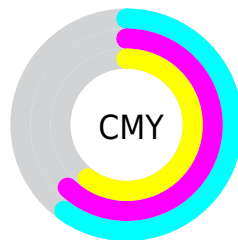
- Red (40%)
- Green (38%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 676067 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 676067 by changing the saturation by 10% instead.





676067



676067

FFFFFF



4F484F



9A929A



383238



B5ADB5



231D23



D0C8D0



0D030D



EDE4ED



000000



676067



676067



675667



676A67



674B67



677567



674167



677F67

■ 673767

■ 678967

■ 672D67

■ 679467

■ 672267

■ 679E67

■ 671867

■ 67A867

■ 670E67

■ 67B267

■ 670367

■ 67BD67

# Harmonies

## Analogous

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



62616A



676067



6A5F63

# Triad

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



676067



66625A



586565

# Complementary

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



676067



606760

# 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.



596561



676067



62635A

# Square

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



676067



6A605B



5D645D



596469

# Rectangle

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



676067



6B5F60



5D645D



586564



# Sweetspot

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



676067



878487



606067



454345



C4C4C4



454545



# Same Dimension

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



676067



877C87



676064



332E33



730073



F200F2



# Inverse Universe

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



676067



877C87



606764



332E33



730073



F200F2



# Previews

## White Background



This preview shows how the Hex color 676067 looks on a white background.

## Color Contrast Check

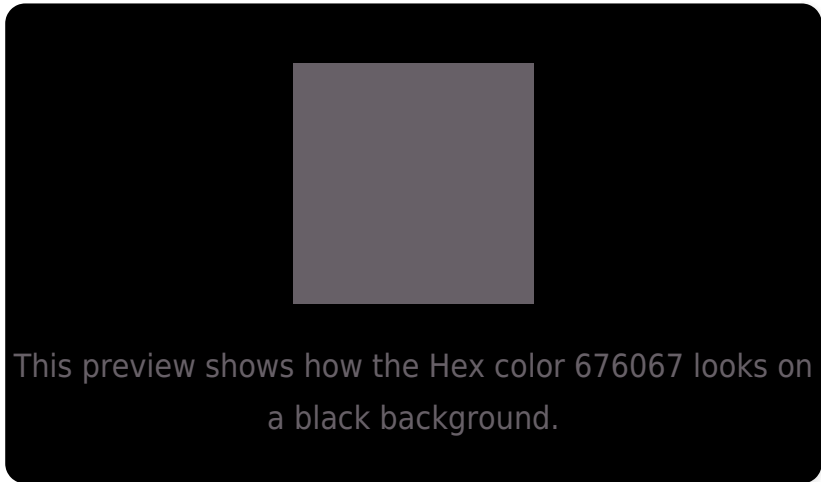
Large Text (above 18pt) WCAG AA ✓ Pass

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

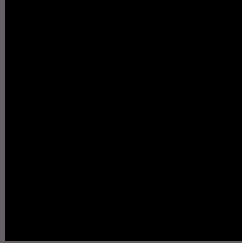
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 676067 Background



This preview shows how black text looks on a background with the Hex color 676067.



This preview shows how white text looks on a background with the Hex color 676067.

# 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**

676067

**Protanopia**

626168

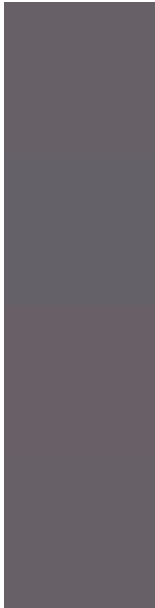
**Deuteranopia**

695F67



**Tritanopia**  
676067

# Trichromacy



**Original Color**  
676067

**Protanomaly**  
646168

**Deuteranomaly**  
685F67

**Tritanomaly**  
676067

# Monochromacy



**Original Color**  
676067

**Achromatopsia**  
636363

**Achromatomaly**  
646264

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676067 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 #676067 looks like.

```
.text, #text, p{  
    color:#676067  
}
```

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 #676067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676067
}
```

## Border

The CSS property to change the border of an element to Hex 676067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

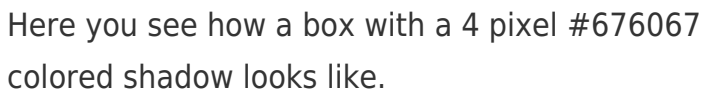
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676067 }
```

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

```
.border{ border-color:#676067 }
```

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



Here you see how a box with a 4 pixel #676067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676067; -webkit-box-shadow:4px 4px  
4px 4px #676067; box-shadow:4px 4px 4px  
4px #676067 }
```

# Background

The CSS property to change the background color of an element to Hex 676067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676067 }
```

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

```
.background{ background-color:#676067 }
```

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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