

# Converting Colors

Hex(675066)

Have a look what the booklet for  
Hex(675066) contains.

<b>Hex(675066)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(675066)**

# Conversions

Conversions Part 1	
Format	Color
Hex	675066
RGB	103, 80, 102
RGB Percent	40%, 31%, 40%
CMY	0.5961, 0.6863, 0.6000
CMYK	0.00, 0.22, 0.01, 0.60
HSL	303°, 13%, 36%
HSV	303°, 22%, 40%
XYZ	10.8605, 9.5802, 13.8471
YIQ	89.3850, 6.6460, 11.7180

# Conversions

## Conversions Part 2

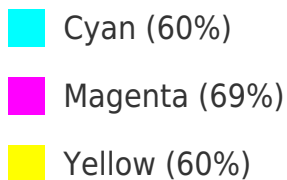
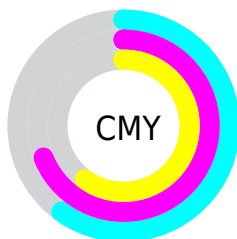
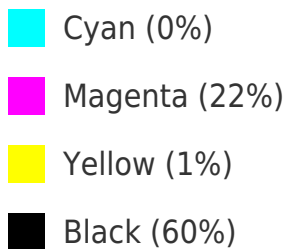
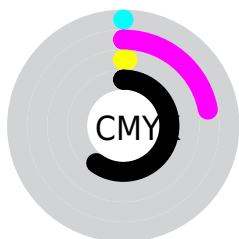
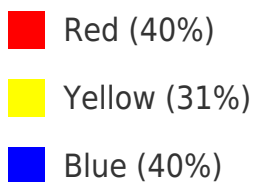
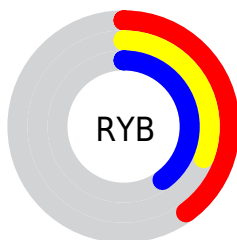
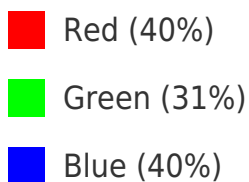
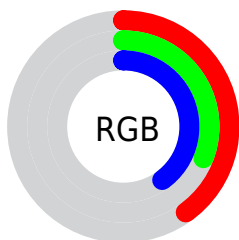
Format	Color
<a href="#">RYB</a>	<a href="#">103, 80, 102</a>
Decimal	<a href="#">6770790</a>
CIELab	<a href="#">37.08, 13.84, -9.06</a>
CIELCh	<a href="#">37, 16.545, 326.787</a>
Yxy	<a href="#">9.5802, 0.3167, 0.2794</a>
Android (android.graphics.Color)	<a href="#">4284960870</a> (0xFF675066)
YUV	<a href="#">89.3850, 6.2192, 11.9404</a>
Hunter-Lab	<a href="#">30.9519, 8.4666, -4.8586</a>

# Details

The Hex color **675066** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **506751**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9A8199**, and **382337** is the 20% darker color. If you saturate the color by 10%, you get **674666**, and if you desaturate by 10%, it is **675A66**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 675066 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 675066 by changing the saturation by 10% instead.



 675066

FFFFFF

 9A8199

 B59BB4

 D1B6CF

 EDD2EC

 FFEEFF

 675066

 4F394E

 382337

 220F22

 00000A

 000000

 675066

 674666

 673B65

 675066

 675A66

 676567

 673165

 676F67

 672764

 677968


 671C64

 678468

 671263

 678E69

 670863

 679869

 670063

 67A26A

 67AD6A

# Harmonies

## Analogous

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



57546F



675066



704E59

# Triad

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



675066



62563D



2F5E63

# Complementary

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



675066



506751

# 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.



375F55



675066



545A3F

# Square

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



675066



6D5141



455D48



345C6D

# Rectangle

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



675066



724E50



455D48



305F5E



# Sweetspot

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



675066



877E87



515067



453F45



C4C4C4



454545



# Same Dimension

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



675066



876386



67505B



332E33



73006E



F200E8



# Inverse Universe

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



675066



876386



50675C



332E33



73006E



F200E8



# Previews

## White Background



This preview shows how the Hex color 675066 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 ✓ Pass

# Black Background



This preview shows how the Hex color 675066 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

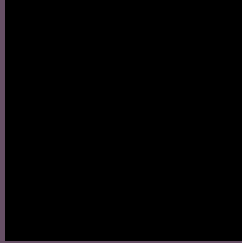
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 675066 Background



This preview shows how black text looks on a background with the Hex color 675066.



This preview shows how white text looks on a background with the Hex color 675066.

# 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**  
675066

**Protanopia**  
53576A

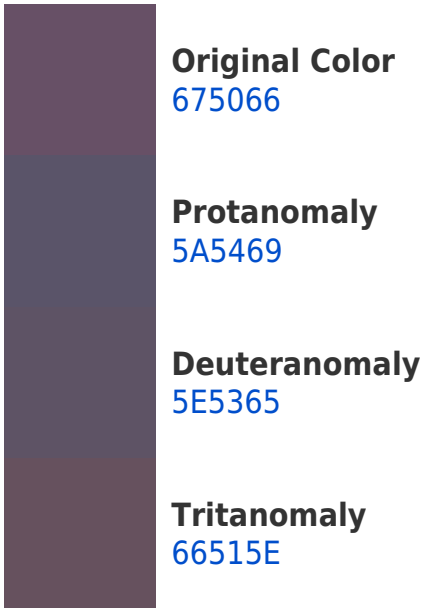
**Deuteranopia**  
595565



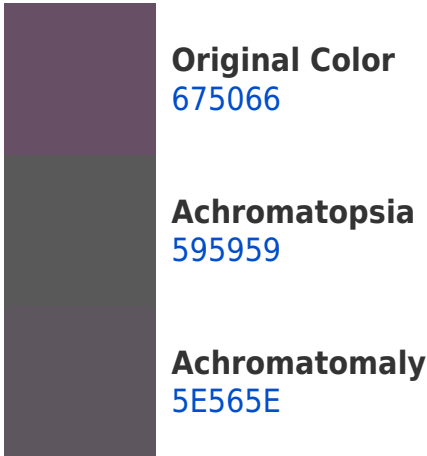
# Tritanopia

655259

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 675066 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 #675066 looks like.

```
.text, #text, p{  
    color:#675066  
}
```

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 #675066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675066
}
```

## Border

The CSS property to change the border of an element to Hex 675066 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
#675066 }
```

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

```
.border{ border-color:#675066 }
```

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

Here you see how a box with a 4 pixel #675066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675066; -webkit-box-shadow:4px 4px  
4px 4px #675066; box-shadow:4px 4px 4px  
4px #675066 }
```

# Background

The CSS property to change the background color of an element to Hex 675066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675066 }
```

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

```
.background{ background-color:#675066 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor