

# Converting Colors

Hex(676600)

Have a look what the booklet for  
Hex(676600) contains.

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**Color**

**Hex(676600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	676600
RGB	103, 102, 0
RGB Percent	40%, 40%, 0%
CMY	0.5961, 0.6000, 1.0000
CMYK	0.00, 0.01, 1.00, 0.60
HSL	59°, 100%, 20%
HSV	59°, 100%, 40%
XYZ	10.3449, 12.3863, 1.8456
YIQ	90.6710, 33.3380, -31.5100

# Conversions

## Conversions Part 2

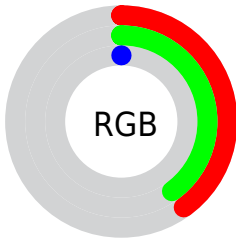
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	1, 103, 0
Decimal	6776320
CIE Lab	41.82, -10.51, 48.32
CIE LCh	42, 49.451, 102.276
Yxy	12.3863, 0.4209, 0.5040
Android (android.graphics.Color)	4284966400 (0xFF676600)
YUV	90.6710, -44.7008, 10.8125
Hunter-Lab	35.1942, -9.1220, 21.5268

# Details

The Hex color **676600** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000167**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9D993B**, and **343800** is the 20% darker color. If you saturate the color by 10%, you get **676600**, and if you desaturate by 10%, it is **67660A**.

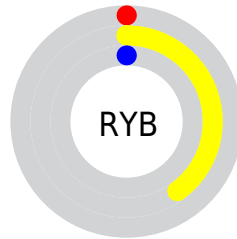
# Distribution



Red (40%)

Green (40%)

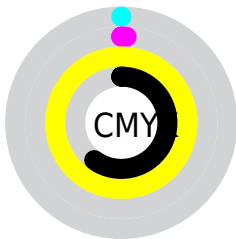
Blue (0%)



Red (0%)

Yellow (40%)

Blue (0%)

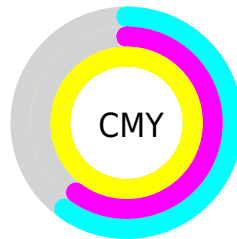


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676600 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 676600 by changing the saturation by 10% instead.



 676600

 676600

 FFFFF9

 4D4E00

 9D993B

 343800

 B9B355

 1B2200

 D6CF6F

 000C00

 F3EB89

 000000

 FFFFA4

 FFFFC0

 FFFFDC

 676600

 67660A

 676615

 67661F

 676629

 676734

 67673E

 676748

 676752

 67675D

# Harmonies

## Analogous

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



8A580B



676600



396F21

# Triad

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



676600



007499



9F3F7C

# Complementary

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



676600



000167

# 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.



7A509F



676600



006EB0

# Square

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



676600



007673



2862B3



AC3A54

# Rectangle

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



676600



00733B



2862B3



964489



# Sweetspot

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



676600



87875F



670002



45452C



C4C4C4



454545



# Same Dimension

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



676600



878600



356700



33332E



737200



F2F000



# Inverse Universe

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



000167



000187



320067



2E2E33



000173



0002F2



# Previews

## White Background



This preview shows how the Hex color 676600 looks on a white background.

## Color Contrast Check

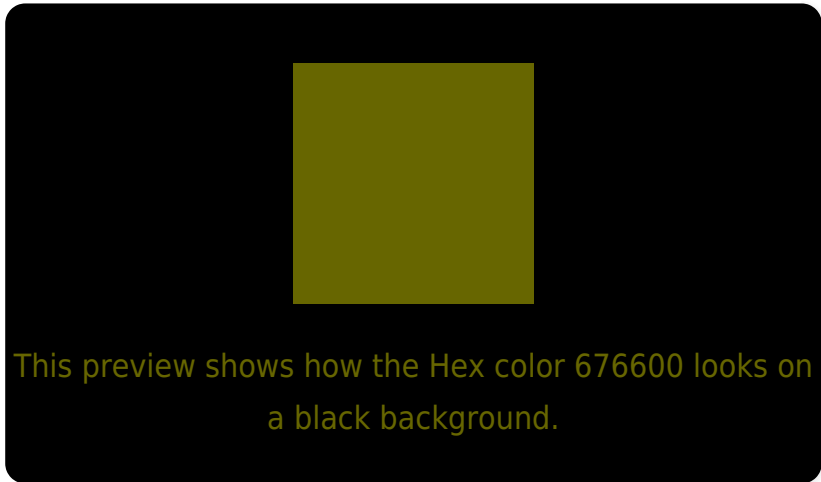
Large Text (above 18pt) WCAG AA ✓ Pass

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 676600 Background



This preview shows how black text looks on a background with the Hex color 676600.



This preview shows how white text looks on a background with the Hex color 676600.

# 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**


676600

**Protanopia**

706300

**Deuteranopia**

7D5E0F



**Tritanopia**  
6E5F66

# Trichromacy



**Original Color**  
676600

**Protanomaly**  
6D6400

**Deuteranomaly**  
75610A

**Tritanomaly**  
6B6241

# Monochromacy



**Original Color**  
676600

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5F5F3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676600 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 #676600 looks like.

```
.text, #text, p{  
    color:#676600  
}
```

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 #676600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676600
}
```

## Border

The CSS property to change the border of an element to Hex 676600 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
#676600 }
```

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

```
.border{ border-color:#676600 }
```

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

Here you see how a box with a 4 pixel #676600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676600; -webkit-box-shadow:4px 4px  
4px 4px #676600; box-shadow:4px 4px 4px  
4px #676600 }
```

# Background

The CSS property to change the background color of an element to Hex 676600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676600 }
```

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

```
.background{ background-color:#676600 }
```

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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