

# Converting Colors

Hex(675000)

Have a look what the booklet for  
Hex(675000) contains.

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**Color**

**Hex(675000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	675000
RGB	103, 80, 0
RGB Percent	40%, 31%, 0%
CMY	0.5961, 0.6863, 1.0000
CMYK	0.00, 0.22, 1.00, 0.60
HSL	47°, 100%, 20%
HSV	47°, 100%, 40%
XYZ	8.4622, 8.6209, 1.2180
YIQ	77.7570, 39.3880, -20.0040

# Conversions

## Conversions Part 2

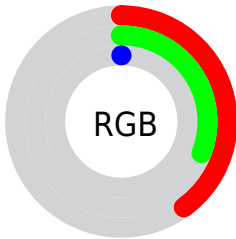
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 103, 0
Decimal	6770688
CIE Lab	35.24, 2.38, 43.62
CIE LCh	35, 43.687, 86.871
Yxy	8.6209, 0.4624, 0.4711
Android (android.graphics.Color)	4284960768 (0xFF675000)
YUV	77.7570, -38.3342, 22.1381
Hunter-Lab	29.3613, 0.0628, 18.0934

# Details

The Hex color **675000** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **001767**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9E8136**, and **332400** is the 20% darker color. If you saturate the color by 10%, you get **675000**, and if you desaturate by 10%, it is **67520A**.

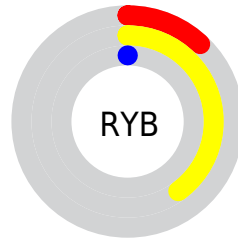
# Distribution



Red (40%)

Green (31%)

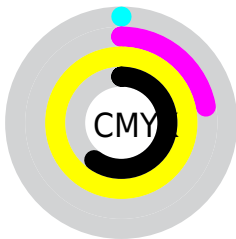
Blue (0%)



Red (12%)

Yellow (40%)

Blue (0%)

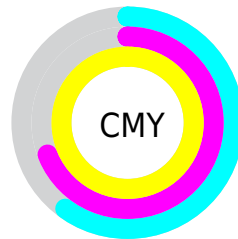


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (69%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 675000 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 675000 by changing the saturation by 10% instead.



 675000

 675000

 FFFFFF1

 4D3900

 9E8136

 332400

 BA9B4F

 1B1000

 D7B568

 000000

 F4D182

 FFED9D

 FFFFB8

 FFFF4D

 675000

 67520A

 675515

 67571F

 675929

 675C34

 675E3E

 676048

 676252

 67655D

# Harmonies

## Analogous

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



814217



675000



455A0A

# Triad

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



675000



006371



793B7A

# Complementary

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



675000



001767

# 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.



4B4B91



675000



00608D

# Square

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



675000



00634E



005899



8F3058

# Rectangle

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



675000



275E1F



005899



6D4183



# Sweetspot

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



675000



877E5F



670018



453F2C



C4C4C4



454545



# Same Dimension

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



675000



876900



4C6700



33322E



735900



F2BC00



# Inverse Universe

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



001767



001E87



1B0067



2E2F33



001A73

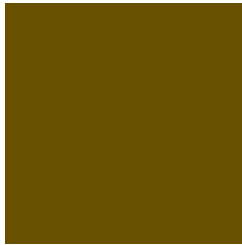


0036F2



# Previews

## White Background



This preview shows how the Hex color 675000 looks on a white background.

## Color Contrast Check

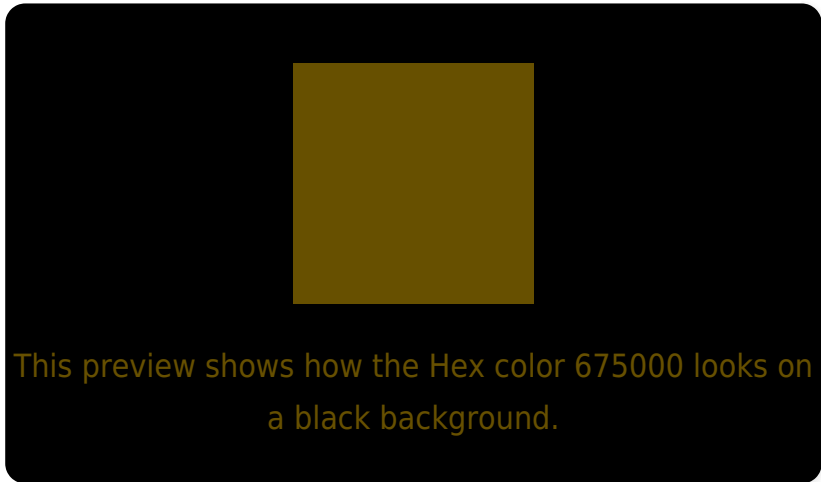
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

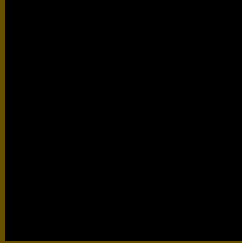
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 675000 Background



This preview shows how black text looks on a background with the Hex color 675000.



This preview shows how white text looks on a background with the Hex color 675000.

# 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**  
675000

**Protanopia**  
5E5405

**Deuteranopia**  
694F05



**Tritanopia**  
6B4A50

# Trichromacy



**Original Color**  
675000

**Protanomaly**  
615303

**Deuteranomaly**  
684F03

**Tritanomaly**  
6A4C33

# Monochromacy



**Original Color**  
675000

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
574F32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 675000 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 #675000 looks like.

```
.text, #text, p{  
    color:#675000  
}
```

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 #675000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675000
}
```

## Border

The CSS property to change the border of an element to Hex 675000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

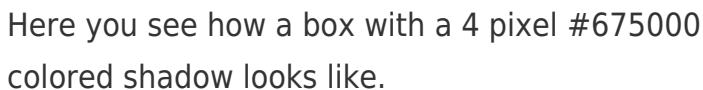
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#675000 }
```

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

```
.border{ border-color:#675000 }
```

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



Here you see how a box with a 4 pixel #675000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675000; -webkit-box-shadow:4px 4px  
4px 4px #675000; box-shadow:4px 4px 4px  
4px #675000 }
```

# Background

The CSS property to change the background color of an element to Hex 675000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675000 }
```

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

```
.background{ background-color:#675000 }
```

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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