

# Converting Colors

Hex(765601)

Have a look what the booklet for  
Hex(765601) contains.

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**Color**

**Hex(765601)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765601
RGB	118, 86, 1
RGB Percent	46%, 34%, 0%
CMY	0.5373, 0.6627, 0.9961
CMYK	0.00, 0.27, 0.99, 0.54
HSL	44°, 98%, 23%
HSV	44°, 99%, 46%
XYZ	10.8045, 10.5093, 1.4878
YIQ	85.8780, 46.3570, -19.6510

# Conversions

## Conversions Part 2

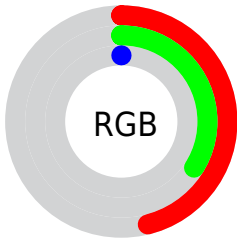
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">45, 118, 1</a>
Decimal	<a href="#">7755265</a>
CIELab	<a href="#">38.74, 6.26, 46.57</a>
CIELCh	<a href="#">39, 46.986, 82.349</a>
Yxy	<a href="#">10.5093, 0.4738, 0.4609</a>
Android (android.graphics.Color)	<a href="#">4285945345</a> ( <a href="#">0xFF765601</a> )
YUV	<a href="#">85.8780, -41.8449, 28.1710</a>
Hunter-Lab	<a href="#">32.4181, 2.7598, 19.9717</a>

# Details

The Hex color **765601** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **012176**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **AE8739**, and **412900** is the 20% darker color. If you saturate the color by 10%, you get **765600**, and if you desaturate by 10%, it is **76590D**.

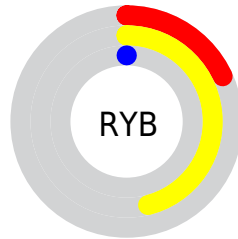
# Distribution



Red (46%)

Green (34%)

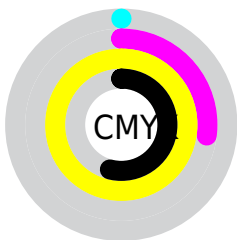
Blue (0%)



Red (18%)

Yellow (46%)

Blue (0%)

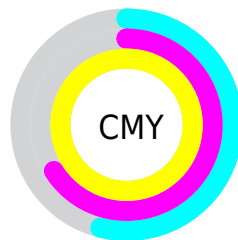


Cyan (0%)

Magenta (27%)

Yellow (99%)

Black (54%)



Cyan (54%)

Magenta (66%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 765601 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 765601 by changing the saturation by 10% instead.



 765601

 765601

 FFFFF5

 5B3F00

 AE8739

 412900

 CBA252

 271500

 E8BC6B

 020000

 FFD886

 000000

 FFF5A0

 FFFFBC

 FFFFD8

 765601

 765601

■ 765600

■ 76590D

■ 765C19

■ 766024

■ 766330

■ 76663C

■ 766948

■ 766D54

■ 76705F

■ 76736B

# Harmonies

## Analogous

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



91461E



765601



526206

# Triad

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



765601



006D77



80448A

# Complementary

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



765601



012176

# 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.



4755A2



765601



006A97

# Square

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



765601



006C50



0063A7



9A3667

# Rectangle

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



765601



34671E



0063A7



714A94



# Sweetspot

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



765601



998C6B



760122



4D4531



CCCCCC



4D4D4D



# Same Dimension

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



765601



996F00



5D7601



3B3935



7A5900



FAB600



# Inverse Universe

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



012176



002A99



1A0176



35363B



00217A

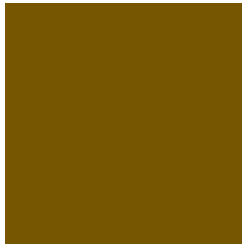


0044FA



# Previews

## White Background



This preview shows how the Hex color 765601 looks on a white background.

## Color Contrast Check

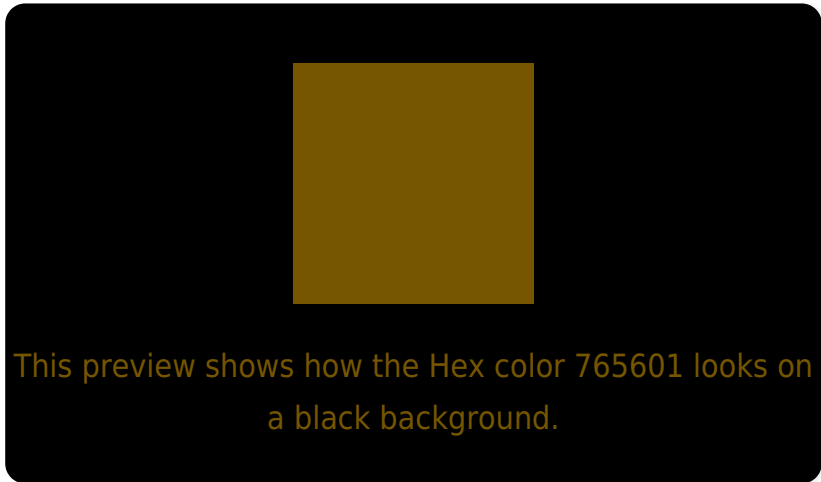
Large Text (above 18pt) WCAG AA ✓ Pass

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 765601 Background



This preview shows how black text looks on a background with the Hex color 765601.



This preview shows how white text looks on a background with the Hex color 765601.

# 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**  
765601

**Protanopia**  
675C07

**Deuteranopia**  
745700



**Tritanopia**  
7A5056

# Trichromacy



**Original Color**  
765601

**Protanomaly**  
6C5A05

**Deuteranomaly**  
755700

**Tritanomaly**  
795237

# Monochromacy



**Original Color**  
765601

**Achromatopsia**  
565656

**Achromatomaly**  
625637

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 765601 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 #765601 looks like.

```
.text, #text, p{  
    color:#765601  
}
```

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 #765601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765601
}
```

## Border

The CSS property to change the border of an element to Hex 765601 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
#765601 }
```

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

```
.border{ border-color:#765601 }
```

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

Here you see how a box with a 4 pixel #765601 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765601; -webkit-box-shadow:4px 4px  
4px 4px #765601; box-shadow:4px 4px 4px  
4px #765601 }
```

# Background

The CSS property to change the background color of an element to Hex 765601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765601 }
```

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

```
.background{ background-color:#765601 }
```

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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