

Converting Colors

Hex(765B00)

Have a look what the booklet for
Hex(765B00) contains.

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Color

Hex(765B00)

Conversions

Conversions Part 1

Format	Color
Hex	765B00
RGB	118, 91, 0
RGB Percent	46%, 36%, 0%
CMY	0.5373, 0.6431, 1.0000
CMYK	0.00, 0.23, 1.00, 0.54
HSL	46°, 100%, 23%
HSV	46°, 100%, 46%
XYZ	11.2123, 11.3337, 1.5967
YIQ	88.6990, 45.3030, -22.5770

Conversions

Conversions Part 2

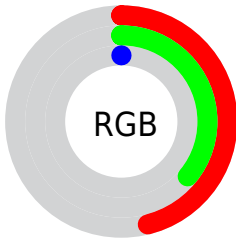
Format	Color
RYB	35, 118, 0
Decimal	7756544
CIELab	40.14, 3.25, 47.83
CIElCh	40, 47.945, 86.113
Yxy	11.3337, 0.4644, 0.4694
Android (android.graphics.Color)	4285946624 (0xFF765B00)
YUV	88.6990, -43.7286, 25.6970
Hunter-Lab	33.6656, 0.5345, 20.7539

Details

The Hex color **765B00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **001B76**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AE8D39**, and **412E00** is the 20% darker color. If you saturate the color by 10%, you get **765B00**, and if you desaturate by 10%, it is **765E0C**.

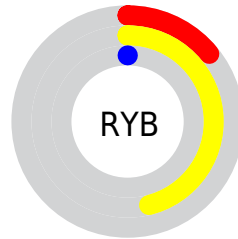
Distribution



Red (46%)

Green (36%)

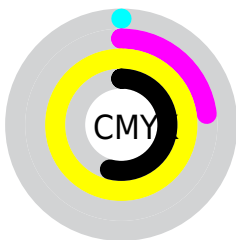
Blue (0%)



Red (14%)

Yellow (46%)

Blue (0%)

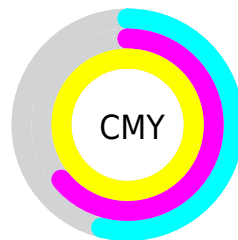


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (54%)



Cyan (54%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 765B00 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 765B00 by changing the saturation by 10% instead.

 765B00

 765B00

 FFFFF6

 5B4400

 AE8D39

 412E00

 CBA753

 281900

 E8C26C

 090000

 FFDE87

 000000

 FFFAA1

 FFFFBD

 FFFF9D

 765B00

 765E0C

 766018

 766323

 76662F

 76693B

 766B47

 766E53

 76715E

 76736A

Harmonies

Analogous

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



934B1C



765B00



50660C

Triad

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



765B00



007180



89448B

Complementary

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



765B00



001B76

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.



5456A5



765B00



006D9F

Square

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



765B00



007058



0065AD



A13865

Rectangle

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



765B00



2F6B24



0065AD



7B4A95

Sweetspot

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



765B00



998E6B



76001C



4D4631



CCCCCC



4D4D4D

Same Dimension

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



765B00



997600



577600



3B3935



7A5E00



FAC100

Inverse Universe

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



001B76



002399



1F0076



35363B



001C7A



0039FA

Previews

White Background



This preview shows how the Hex color 765B00 looks on a white background.

Color Contrast Check

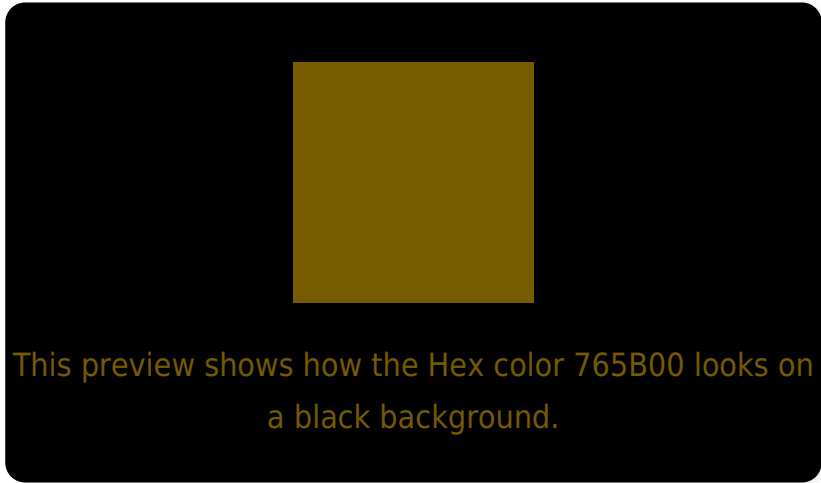
Large Text (above 18pt) WCAG AA ✓ Pass

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 765B00 Background



This preview shows how black text looks on a background with the Hex color 765B00.



This preview shows how white text looks on a background with the Hex color 765B00.

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
765B00

Protanopia
6B5F06

Deuteranopia
785A05



Tritanopia
7A555B

Trichromacy



Original Color
765B00

Protanomaly
6F5E04

Deuteranomaly
775A03

Tritanomaly
79573A

Monochromacy



Original Color
765B00

Achromatopsia
595959

Achromatomaly
645A39

CSS Examples

Text

The CSS property to change the color of the text to Hex 765B00 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 #765B00 looks like.

```
.text, #text, p{  
    color:#765B00  
}
```

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 #765B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #765B00
}
```

Border

The CSS property to change the border of an element to Hex 765B00 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
#765B00 }
```

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

```
.border{ border-color:#765B00 }
```

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

Here you see how a box with a 4 pixel #765B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #765B00; -webkit-box-shadow:4px 4px  
4px 4px #765B00; box-shadow:4px 4px 4px  
4px #765B00 }
```

Background

The CSS property to change the background color of an element to Hex 765B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#765B00 }
```

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

```
.background{ background-color:#765B00 }
```

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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