

Converting Colors

Hex(0765CC)

Have a look what the booklet for
Hex(0765CC) contains.

Hex(0765CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(0765CC)

Conversions

Conversions Part 1

Format	Color
Hex	0765CC
RGB	7, 101, 204
RGB Percent	3%, 40%, 80%
CMY	0.9725, 0.6039, 0.2000
CMYK	0.97, 0.50, 0.00, 0.20
HSL	211°, 93%, 41%
HSV	211°, 97%, 80%
XYZ	15.6404, 13.7122, 58.9491
YIQ	84.6360, -89.0870, 12.1050

Conversions

Conversions Part 2

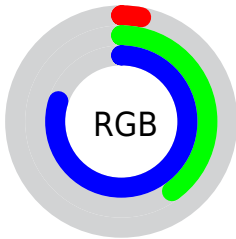
Format	Color
R_{YB}	7, 71, 204
Decimal	484812
CIE _{Lab}	43.82, 16.16, -59.87
CIE _{LCh}	44, 62.015, 285.105
Yxy	13.7122, 0.1771, 0.1553
Android (android.graphics.Color)	4278674892 (0xFF0765CC)
YUV	84.6360, 58.8465, -68.0868
Hunter-Lab	37.0299, 10.5909, -68.4646

Details

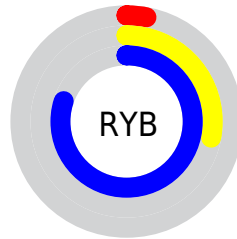
The Hex color **0765CC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CC6E07**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6497FF**, and **003895** is the 20% darker color. If you saturate the color by 10%, you get **0061CC**, and if you desaturate by 10%, it is **1B70CC**.

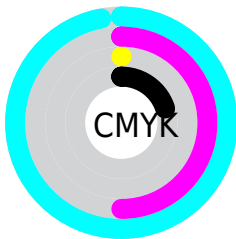
Distribution



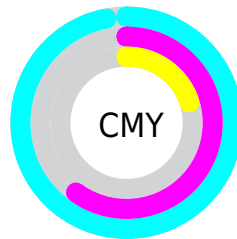
- Red (3%)
- Green (40%)
- Blue (80%)



- Red (3%)
- Yellow (28%)
- Blue (80%)



- Cyan (97%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (97%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0765CC 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 0765CC by changing the saturation by 10% instead.

 0765CC

 0765CC

FFFFFF

 004EB0

 6497FF

 003895

 84B2FF

 00247A


 A3CDFF

 000F61

 C1E9FF

 000848

 E0FFFF

 000431

 00011B

 000000

 0765CC

 0765CC

■ 0061CC

■ 1B70CC

■ 307ACC

■ 4485CC

■ 5990CC

■ 6D9ACC

■ 81A5CC

■ 96B0CC

■ AABACC

■ BFC5CC

Harmonies

Analogous

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



0075CC



0765CC



894CB1

Triad

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



0765CC



B3431F



007D4B

Complementary

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



0765CC



CC6E07

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.



227812



0765CC



925C00

Square

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



0765CC



C12C50



666D00



007E81

Rectangle

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



0765CC



AB3994



666D00



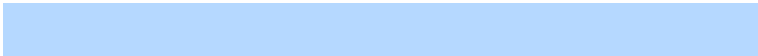
007B39

Sweetspot

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



0765CC



B5D8FF



07CC6D



536880



000000



808080

Same Dimension

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



0765CC



007AFF



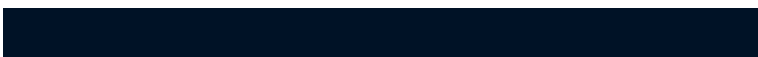
0A07CC



5C6166



004FA6



001226

Inverse Universe

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



CC0765



FF007A



C9CC07



665C61



A6004F



260012

Previews

White Background



This preview shows how the Hex color 0765CC 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

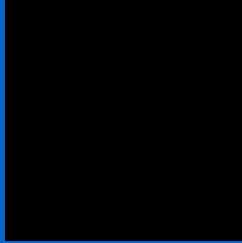
Any Text WCAG AA × Fail

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 0765CC Background



This preview shows how black text looks on a background with the Hex color 0765CC.

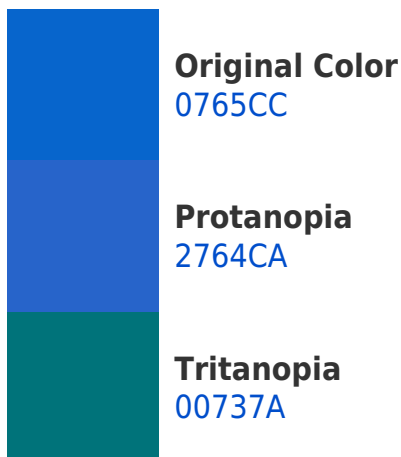


This preview shows how white text looks on a background with the Hex color 0765CC.

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



Trichromacy



Original Color
0765CC

Protanomaly
1B64CB

Tritanomaly
036E98

Monochromacy



Original Color
0765CC

Achromatopsia
555555

Achromatomaly
395B80

CSS Examples

Text

The CSS property to change the color of the text to Hex 0765CC 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 #0765CC looks like.

```
.text, #text, p{  
    color:#0765CC  
}
```

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 #0765CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0765CC
}
```

Border

The CSS property to change the border of an element to Hex 0765CC 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
#0765CC }
```

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

```
.border{ border-color:#0765CC }
```

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

Here you see how a box with a 4 pixel #0765CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0765CC; -webkit-box-shadow:4px 4px  
4px 4px #0765CC; box-shadow:4px 4px 4px  
4px #0765CC }
```

Background

The CSS property to change the background color of an element to Hex 0765CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0765CC }
```

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

```
.background{ background-color:#0765CC }
```

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