

Converting Colors

Hex(0707C5)

Have a look what the booklet for
Hex(0707C5) contains.

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Color

Hex(0707C5)

Conversions

Conversions Part 1

Format	Color
Hex	0707C5
RGB	7, 7, 197
RGB Percent	3%, 3%, 77%
CMY	0.9725, 0.9725, 0.2275
CMYK	0.96, 0.96, 0.00, 0.23
HSL	240°, 93%, 40%
HSV	240°, 96%, 77%
XYZ	10.2416, 4.2283, 53.0997
YIQ	28.6600, -60.9900, 59.0900

Conversions

Conversions Part 2

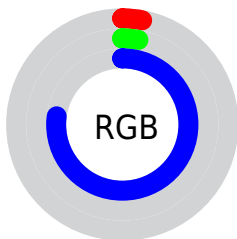
Format	Color
RYB	7, 7, 197
Decimal	460741
CIELab	24.41, 63.74, -87.75
CIELCh	24, 108.454, 305.993
Yxy	4.2283, 0.1516, 0.0626
Android (android.graphics.Color)	4278650821 (0xFF0707C5)
YUV	28.6600, 82.9916, -18.9958
Hunter-Lab	20.5629, 52.9191, -138.7105

Details

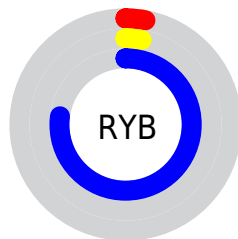
The Hex color **0707C5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C5C507**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6942FF**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **0000C5**, and if you desaturate by 10%, it is **1B1BC5**.

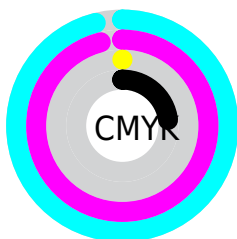
Distribution



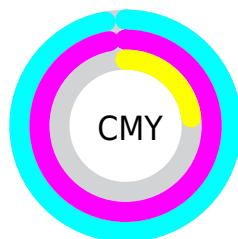
- Red (3%)
- Green (3%)
- Blue (77%)



- Red (3%)
- Yellow (3%)
- Blue (77%)



- Cyan (96%)
- Magenta (96%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (97%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0707C5 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 0707C5 by changing the saturation by 10% instead.

■ 0707C5

■ 0707C5

FFFFFF

■ 0000A9

■ 6942FF

■ 00008D

■ 8A5CFF

■ 000073

■ AA76FF

■ 000D59

■ CA91FF

■ 000740

■ E9ACFF

■ 000329

■ FFC9FF

■ 000114

■ FFE5FF

■ 000000

■ 0707C5

■ 0707C5

■ 0000C5

■ 1B1BC5

■ 2E2EC5

■ 4242C5

■ 5656C5

■ 6A6AC5

■ 7D7DC5

■ 9191C5

■ A5A5C5

■ B8B8C5

Harmonies

Analogous

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



0047E7



0707C5



9D007F

Triad

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



0707C5



790900



00514A

Complementary

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



0707C5



C5C507

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.



004F00



0707C5



393E00

Square

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



0707C5



A50000



004A00



00549C

Rectangle

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



0707C5



B40049



004A00



00502D

Sweetspot

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



0707C5



B5B5FF



07C5C5



535380



000000



808080

Same Dimension

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



0707C5



0000FF



6607C5



5A5A63



0000A3



000024

Inverse Universe

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



C507C5



FF00FF



66C507



635A63



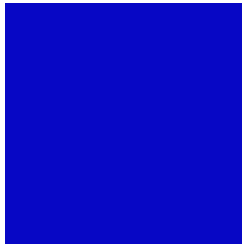
A300A3



240024

Previews

White Background



This preview shows how the Hex color 0707C5 looks on a white background.

Color Contrast Check

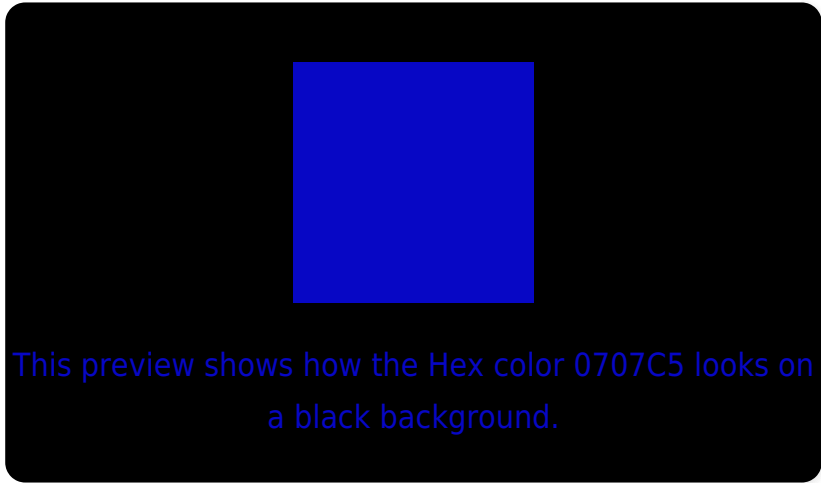
Large Text (above 18pt) WCAG AA ✓ Pass

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

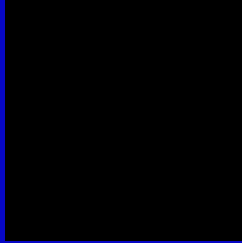
Any Text WCAG AA × Fail

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 0707C5 Background



This preview shows how black text looks on a background with the Hex color 0707C5.



This preview shows how white text looks on a background with the Hex color 0707C5.

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
0707C5

Protanopia
003A79

Deuteranopia
003E66

Trichromacy



Original Color
0707C5

Protanomaly
032795

Deuteranomaly
032A89

Tritanomaly
032D74

Monochromacy



Original Color
0707C5

Achromatopsia
1D1D1D

Achromatomaly
15155A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0707C5 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 #0707C5 looks like.

```
.text, #text, p{  
    color:#0707C5  
}
```

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 #0707C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0707C5
}
```

Border

The CSS property to change the border of an element to Hex 0707C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

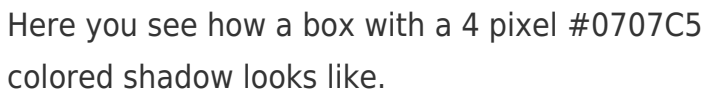
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0707C5 }
```

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

```
.border{ border-color:#0707C5 }
```

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



Here you see how a box with a 4 pixel #0707C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0707C5; -webkit-box-shadow:4px 4px  
4px 4px #0707C5; box-shadow:4px 4px 4px  
4px #0707C5 }
```

Background

The CSS property to change the background color of an element to Hex 0707C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0707C5 }
```

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

```
.background{ background-color:#0707C5 }
```

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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