

Converting Colors

Hex(080CC4)

Have a look what the booklet for
Hex(080CC4) contains.

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Color

Hex(080CC4)

Conversions

Conversions Part 1

Format	Color
Hex	080CC4
RGB	8, 12, 196
RGB Percent	3%, 5%, 77%
CMY	0.9686, 0.9529, 0.2314
CMYK	0.96, 0.94, 0.00, 0.23
HSL	239°, 92%, 40%
HSV	239°, 96%, 77%
XYZ	10.1954, 4.3001, 52.5172
YIQ	31.7800, -61.4480, 56.3760

Conversions

Conversions Part 2

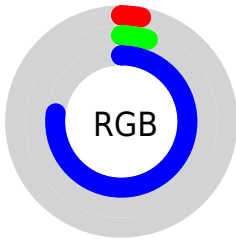
Format	Color
RYB	8, 12, 196
Decimal	527556
CIELab	24.64, 62.40, -86.78
CIELCh	25, 106.884, 305.718
Yxy	4.3001, 0.1521, 0.0642
Android (android.graphics.Color)	4278717636 (0xFF080CC4)
YUV	31.7800, 80.9605, -20.8551
Hunter-Lab	20.7367, 51.4724, -135.6409

Details

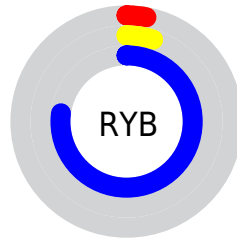
The Hex color **080CC4** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C4C008**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **6944FE**, and **00008C** is the 20% darker color. If you saturate the color by 10%, you get **0004C4**, and if you desaturate by 10%, it is **1C1FC4**.

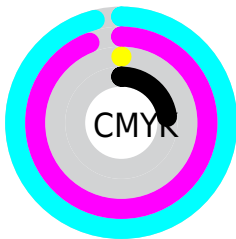
Distribution



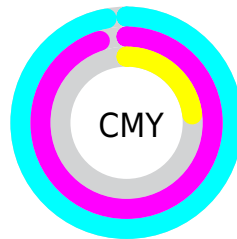
- Red (3%)
- Green (5%)
- Blue (77%)



- Red (3%)
- Yellow (5%)
- Blue (77%)



- Cyan (96%)
- Magenta (94%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (95%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 080CC4 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 080CC4 by changing the saturation by 10% instead.

■ 080CC4

■ 080CC4

FFFFFF

■ 0000A8

■ 6944FE

■ 00008C

■ 8A5EFF

■ 000072

■ AA78FF

■ 000C58

■ C993FF

■ 000740

■ E8AEFF

■ 000329

■ FFCAFF

■ 000113

■ FFE7FF

■ 000000

■ 080CC4

■ 080CC4

0004C4

1C1FC4

2F32C4

4346C4

5659C4

6A6CC4

7E7FC4

9192C4

A5A5C4

B8B9C4

Harmonies

Analogous

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



0048E5



080CC4



9C007F

Triad

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



080CC4



7A0A00



005249

Complementary

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



080CC4



C4C008

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



080CC4



3B3E00

Square

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



080CC4



A50000



004B00



00549B

Rectangle

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



080CC4



B3004A



004B00



00512C

Sweetspot

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



080CC4



B5B7FF



08C4BE



535480



000000



808080

Same Dimension

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



080CC4



0005FF



6008C4



575761



0003A1



000121

Inverse Universe

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



C4080C



FF0005



6CC408



615757



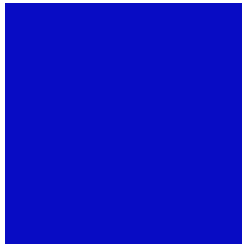
A10003



210001

Previews

White Background



This preview shows how the Hex color 080CC4 looks on a white background.

Color Contrast Check

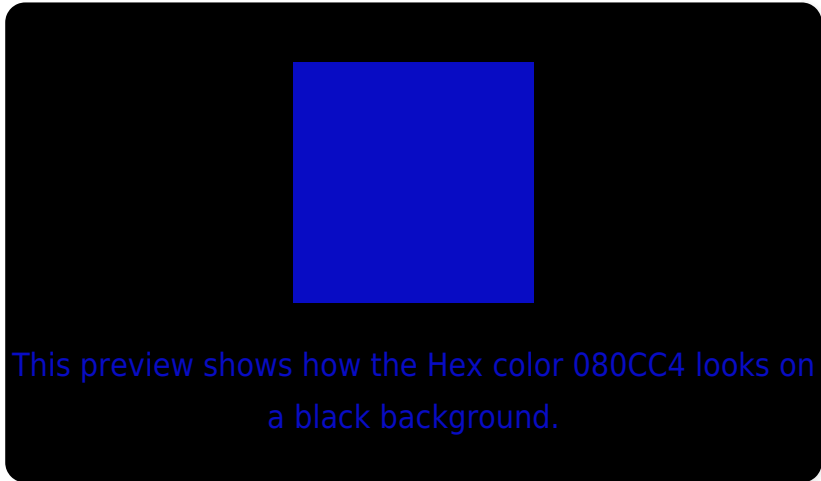
Large Text (above 18pt) WCAG AA ✓ Pass

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

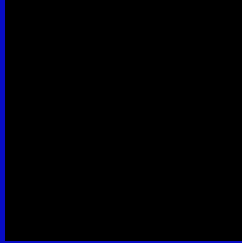
Any Text WCAG AA × Fail

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 080CC4 Background



This preview shows how black text looks on a background with the Hex color 080CC4.



This preview shows how white text looks on a background with the Hex color 080CC4.

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
080CC4

Protanopia
003A79

Deuteranopia
003E67

Trichromacy



Original Color
080CC4

Protanomaly
032994

Deuteranomaly
032C89

Tritanomaly
032F74

Monochromacy



Original Color
080CC4

Achromatopsia
202020

Achromatomaly
17195C

CSS Examples

Text

The CSS property to change the color of the text to Hex 080CC4 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 #080CC4 looks like.

```
.text, #text, p{  
    color:#080CC4  
}
```

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 #080CC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #080CC4
}
```

Border

The CSS property to change the border of an element to Hex 080CC4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

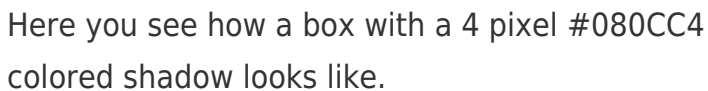
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#080CC4 }
```

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

```
.border{ border-color:#080CC4 }
```

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



Here you see how a box with a 4 pixel #080CC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #080CC4; -webkit-box-shadow:4px 4px  
4px 4px #080CC4; box-shadow:4px 4px 4px  
4px #080CC4 }
```

Background

The CSS property to change the background color of an element to Hex 080CC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#080CC4 }
```

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

```
.background{ background-color:#080CC4 }
```

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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