

Converting Colors

Hex(048CC0)

Have a look what the booklet for
Hex(048CC0) contains.

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Color

Hex(048CC0)

Conversions

Conversions Part 1

Format	Color
Hex	048CC0
RGB	4, 140, 192
RGB Percent	2%, 55%, 75%
CMY	0.9843, 0.4510, 0.2471
CMYK	0.98, 0.27, 0.00, 0.25
HSL	197°, 96%, 38%
HSV	197°, 98%, 75%
XYZ	18.9426, 22.5878, 53.2307
YIQ	105.2640, -97.7480, -12.6600

Conversions

Conversions Part 2

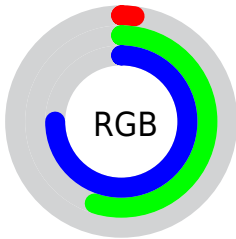
Format	Color
R_{YB}	4, 83, 192
Decimal	298176
CIE _{Lab}	54.65, -12.45, -35.75
CIE _{LCh}	55, 37.857, 250.806
Yxy	22.5878, 0.1999, 0.2384
Android (android.graphics.Color)	4278488256 (0xFF048CC0)
YUV	105.2640, 42.7608, -88.8085
Hunter-Lab	47.5266, -12.0271, -33.1373

Details

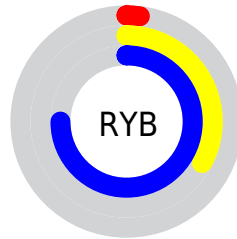
The Hex color **048CC0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C03804**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **61C1F9**, and **005A8A** is the 20% darker color. If you saturate the color by 10%, you get **008BC0**, and if you desaturate by 10%, it is **1791C0**.

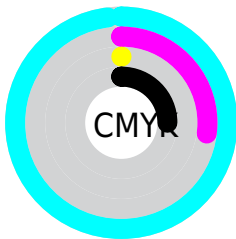
Distribution



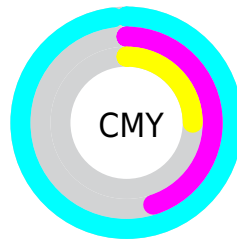
- Red (2%)
- Green (55%)
- Blue (75%)



- Red (2%)
- Yellow (33%)
- Blue (75%)



- Cyan (98%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)



- Cyan (98%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 048CC0 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 048CC0 by changing the saturation by 10% instead.

 048CC0

 048CC0

FFFFFF

 0073A5

 61C1F9

 005A8A

 80DDFF

 004370

 9FFAFF

 002D58

 BDFFFF

 001940

 DCFFFF

 00032A

 FAFFFF

 000114

 000000

 048CC0

 048CC0

■ 008BC0

■ 1791C0

■ 2A97C0

■ 3E9CC0

■ 51A1C0

■ 64A7C0

■ 77ACC0

■ 8AB1C0

■ 9EB6C0

■ B1BCC0

Harmonies

Analogous

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



0092AD



048CC0



6382C3

Triad

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



048CC0



C16878



688D50

Complementary

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



048CC0



C03804

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.



8B8541



048CC0



BC6E5A

Square

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



048CC0



B56B99



A87945



3A926C

Rectangle

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



048CC0



877ABB



A87945



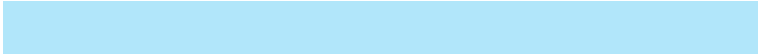
748B49

Sweetspot

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



048CC0



B1E6FA



04C036



51717D



FCFCFC



7D7D7D

Same Dimension

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



048CC0



00B5FA



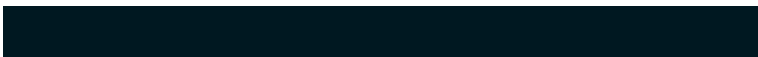
0430C0



575E61



0074A1



001821

Inverse Universe

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



C0048C



FA00B5



C09404



61575E



A10074



210018

Previews

White Background



This preview shows how the Hex color 048CC0 looks on a white background.

Color Contrast Check

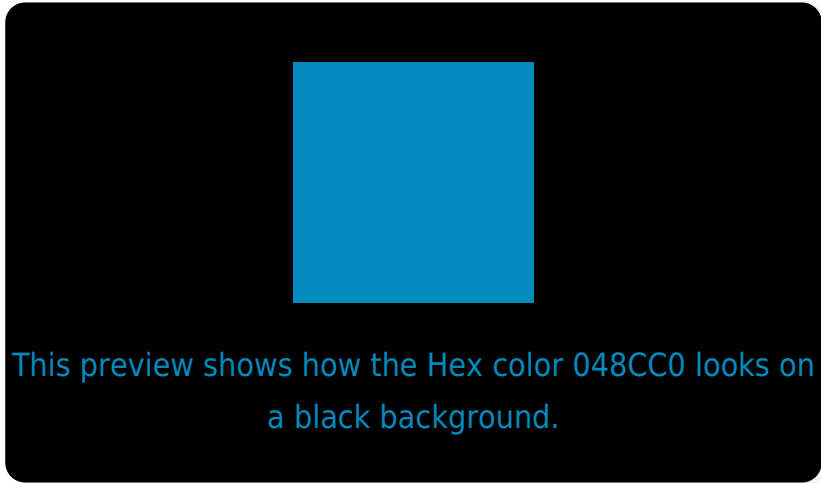
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

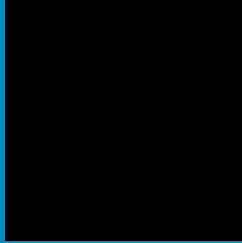
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 048CC0 Background



This preview shows how black text looks on a background with the Hex color 048CC0.



This preview shows how white text looks on a background with the Hex color 048CC0.

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](#).

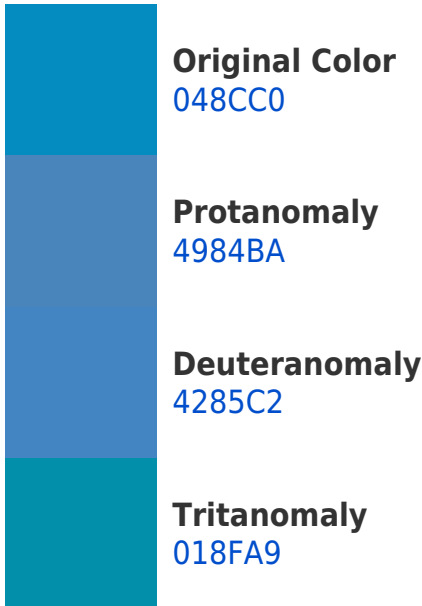
Dichromacy





Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 048CC0 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 #048CC0 looks like.

```
.text, #text, p{  
    color:#048CC0  
}
```

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 #048CC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #048CC0
}
```

Border

The CSS property to change the border of an element to Hex 048CC0 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
#048CC0 }
```

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

```
.border{ border-color:#048CC0 }
```

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

Here you see how a box with a 4 pixel #048CC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #048CC0; -webkit-box-shadow:4px 4px  
4px 4px #048CC0; box-shadow:4px 4px 4px  
4px #048CC0 }
```

Background

The CSS property to change the background color of an element to Hex 048CC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#048CC0 }
```

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

```
.background{ background-color:#048CC0 }
```

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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