

Converting Colors

Hex(057CE9)

Have a look what the booklet for
Hex(057CE9) contains.

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Color

Hex(057CE9)

Conversions

Conversions Part 1

Format	Color
Hex	057CE9
RGB	5, 124, 233
RGB Percent	2%, 49%, 91%
CMY	0.9804, 0.5137, 0.0863
CMYK	0.98, 0.47, 0.00, 0.09
HSL	209°, 96%, 47%
HSV	209°, 98%, 91%
XYZ	21.9782, 20.3308, 79.8566
YIQ	100.8450, -105.9130, 8.6710

Conversions

Conversions Part 2

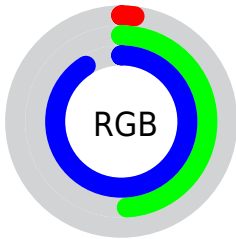
Format	Color
R_{YB}	5, 83, 233
Decimal	359657
CIE _{Lab}	52.21, 12.89, -62.76
CIE _{LCh}	52, 64.071, 281.605
Yxy	20.3308, 0.1799, 0.1664
Android (android.graphics.Color)	4278549737 (0xFF057CE9)
YUV	100.8450, 65.1524, -84.0561
Hunter-Lab	45.0896, 8.1001, -73.4436

Details

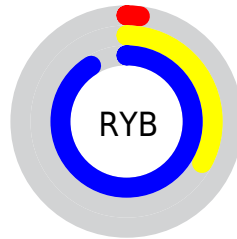
The Hex color **057CE9** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E97205**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6BB0FF**, and **004CB0** is the 20% darker color. If you saturate the color by 10%, you get **007AE9**, and if you desaturate by 10%, it is **1C87E9**.

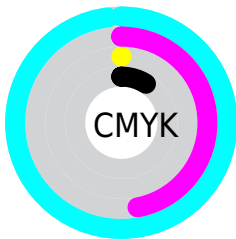
Distribution



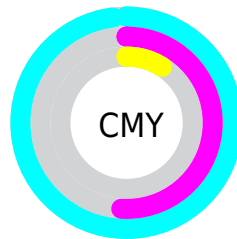
- Red (2%)
- Green (49%)
- Blue (91%)



- Red (2%)
- Yellow (33%)
- Blue (91%)



- Cyan (98%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)



- Cyan (98%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 057CE9 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 057CE9 by changing the saturation by 10% instead.

 057CE9

 057CE9

FFFFFF

 0064CC

 6BB0FF

 004CB0

 8CCBFF

 003795

 ACE7FF

 00237B

 CCFFFF

 000D61

 EBFFFF

 000848

 000431

 00011B

 000000

■ 057CE9

■ 057CE9

■ 007AE9

■ 1C87E9

■ 3492E9

■ 4B9DE9

■ 62A9E9

■ 7AB4E9

■ 91BFE9

■ A8CAE9

■ BFD5E9

■ D7E0E9

Harmonies

Analogous

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



008CE5



057CE9



9964CF

Triad

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



057CE9



D25436



009358

Complementary

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



057CE9



E97205

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.



438D1F



057CE9



B16D00

Square

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



057CE9



DE416A



828100



009691

Rectangle

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



057CE9



C051B2



828100



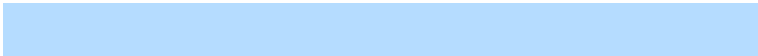
009245

Sweetspot

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



057CE9



B5DCFF



05E96F



536A80



000000



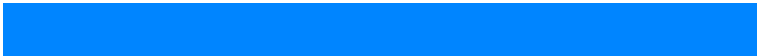
808080

Same Dimension

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



057CE9



0085FF



050DE9



6A7075



005EB5



001C36

Inverse Universe

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



E9057C



FF0085



E9E105



756A70



B5005E



36001C

Previews

White Background



This preview shows how the Hex color 057CE9 looks on a white background.

Color Contrast Check

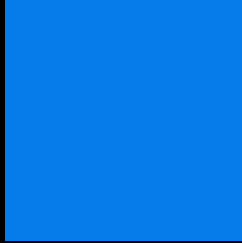
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 057CE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

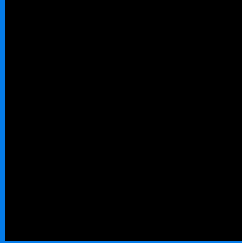
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

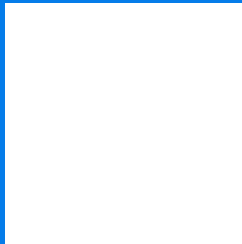
Any Text WCAG AAA × Fail

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

Hex 057CE9 Background



This preview shows how black text looks on a background with the Hex color 057CE9.

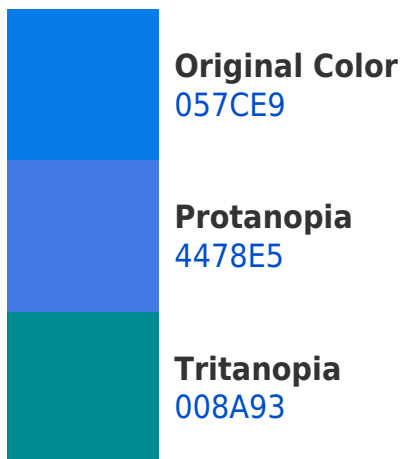


This preview shows how white text looks on a background with the Hex color 057CE9.

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
057CE9

Protanomaly
2D79E6

Tritanomaly
0285B2

Monochromacy



Original Color
057CE9

Achromatopsia
656565

Achromatomaly
426D95

CSS Examples

Text

The CSS property to change the color of the text to Hex 057CE9 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 #057CE9 looks like.

```
.text, #text, p{  
    color:#057CE9  
}
```

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 #057CE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #057CE9
}
```

Border

The CSS property to change the border of an element to Hex 057CE9 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
#057CE9 }
```

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

```
.border{ border-color:#057CE9 }
```

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

Here you see how a box with a 4 pixel #057CE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #057CE9; -webkit-box-shadow:4px 4px  
4px 4px #057CE9; box-shadow:4px 4px 4px  
4px #057CE9 }
```

Background

The CSS property to change the background color of an element to Hex 057CE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#057CE9 }
```

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

```
.background{ background-color:#057CE9 }
```

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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