

Converting Colors

Hex(0C58DC)

Have a look what the booklet for
Hex(0C58DC) contains.

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Color

Hex(0C58DC)

Conversions

Conversions Part 1

Format	Color
Hex	0C58DC
RGB	12, 88, 220
RGB Percent	5%, 35%, 86%
CMY	0.9529, 0.6549, 0.1373
CMYK	0.95, 0.60, 0.00, 0.14
HSL	218°, 90%, 45%
HSV	218°, 95%, 86%
XYZ	16.5596, 12.2249, 69.1970
YIQ	80.3240, -87.6680, 24.9400

Conversions

Conversions Part 2

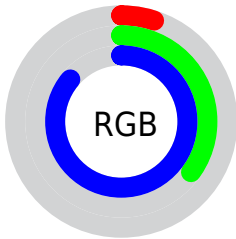
Format	Color
R_{YB}	12, 68, 220
Decimal	809180
CIE _{Lab}	41.57, 31.11, -72.69
CIE _{LCh}	42, 79.067, 293.168
Yxy	12.2249, 0.1690, 0.1248
Android (android.graphics.Color)	4278999260 (0xFF0C58DC)
YUV	80.3240, 68.8603, -59.9201
Hunter-Lab	34.9641, 23.3534, -92.8650

Details

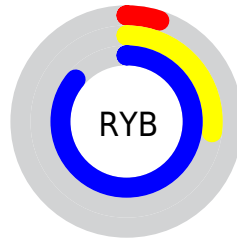
The Hex color **0C58DC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **DC900C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6B89FF**, and **002CA4** is the 20% darker color. If you saturate the color by 10%, you get **0050DC**, and if you desaturate by 10%, it is **2266DC**.

Distribution



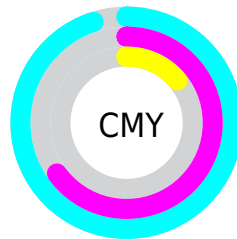
- Red (5%)
- Green (35%)
- Blue (86%)



- Red (5%)
- Yellow (27%)
- Blue (86%)



- Cyan (95%)
- Magenta (60%)
- Yellow (0%)
- Black (14%)



- Cyan (95%)
- Magenta (65%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C58DC 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 0C58DC by changing the saturation by 10% instead.

 0C58DC

 0C58DC

FFFFFF

 0041C0

 6B89FF

 002CA4

 8BA3FF

 001A89

 ABBEFF

 00016E


 CADAFF

 000C55

 E9F6FF

 00063D

 000326

 00010F

 000000

■ 0C58DC

■ 0C58DC

■ 0050DC

■ 2266DC

■ 3874DC

■ 4E82DC

■ 6490DC

■ 7A9EDC

■ 90ACDC

■ A6BADC

■ BCC8DC

■ D2D6DC

Harmonies

Analogous

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



0070E6



0C58DC



9E2BB1

Triad

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



0C58DC



B23800



007B51

Complementary

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



0C58DC



DC900C

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.



007700



0C58DC



855B00

Square

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



0C58DC



CC0034



486D00



007C94

Rectangle

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



0C58DC



C00089



486D00



007A39

Sweetspot

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



0C58DC



B8D2FF



0CDC90



546480



000000



808080

Same Dimension

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



0C58DC



005DFF



280CDC



63676E



003FAD



00112E

Inverse Universe

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



DC0C58



FF005D



C0DC0C



6E6367



AD003F



2E0011

Previews

White Background



This preview shows how the Hex color 0C58DC looks on a white background.

Color Contrast Check

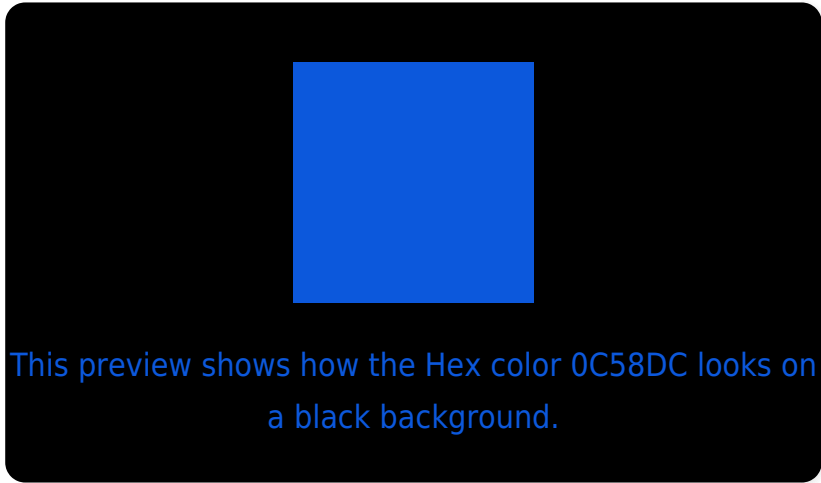
Large Text (above 18pt) WCAG AA ✓ Pass

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

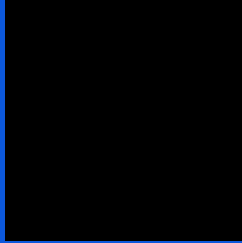
Any Text WCAG AA × Fail

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 0C58DC Background



This preview shows how black text looks on a background with the Hex color 0C58DC.



This preview shows how white text looks on a background with the Hex color 0C58DC.

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
0C58DC

Protanopia
005EC7

Deuteranopia
0064AB



Tritanopia
006C73

Trichromacy



Original Color
0C58DC

Protanomaly
045CCF

Deuteranomaly
0460BD

Tritanomaly
046599

Monochromacy



Original Color
0C58DC

Achromatopsia
505050

Achromatomaly
375383

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C58DC 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 #0C58DC looks like.

```
.text, #text, p{  
    color:#0C58DC  
}
```

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 #0C58DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C58DC
}
```

Border

The CSS property to change the border of an element to Hex 0C58DC 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
#0C58DC }
```

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

```
.border{ border-color:#0C58DC }
```

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

Here you see how a box with a 4 pixel #0C58DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C58DC; -webkit-box-shadow:4px 4px  
4px 4px #0C58DC; box-shadow:4px 4px 4px  
4px #0C58DC }
```

Background

The CSS property to change the background color of an element to Hex 0C58DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C58DC }
```

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

```
.background{ background-color:#0C58DC }
```

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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