

Converting Colors

Hex(0D50DC)

Have a look what the booklet for
Hex(0D50DC) contains.

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Color

Hex(0D50DC)

Conversions

Conversions Part 1

Format	Color
Hex	0D50DC
RGB	13, 80, 220
RGB Percent	5%, 31%, 86%
CMY	0.9490, 0.6863, 0.1373
CMYK	0.94, 0.64, 0.00, 0.14
HSL	221°, 89%, 46%
HSV	221°, 94%, 86%
XYZ	15.9529, 10.9902, 68.9907
YIQ	75.9270, -84.8720, 29.3360

Conversions

Conversions Part 2

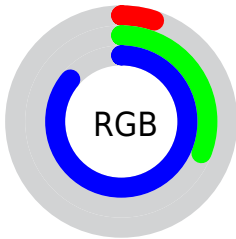
Format	Color
RYB	13, 64, 220
Decimal	872668
CIELab	39.56, 36.31, -75.98
CIELCh	40, 84.209, 295.540
Yxy	10.9902, 0.1663, 0.1146
Android (android.graphics.Color)	4279062748 (0xFF0D50DC)
YUV	75.9270, 71.0280, -55.1870
Hunter-Lab	33.1515, 27.8814, -100.1809




Details

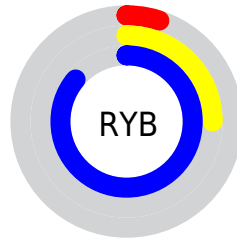
The Hex color **0D50DC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **DC990D**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **6C81FF**, and **0025A4** is the 20% darker color. If you saturate the color by 10%, you get **0047DC**, and if you desaturate by 10%, it is **235FDC**.

Distribution







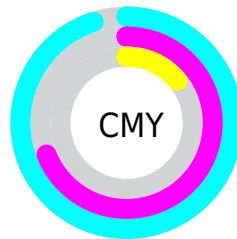
-  Red (5%)
-  Green (31%)
-  Blue (86%)






-  Red (5%)
-  Yellow (25%)
-  Blue (86%)



-  Cyan (94%)
-  Magenta (64%)
-  Yellow (0%)
-  Black (14%)



-  Cyan (95%)
-  Magenta (69%)
-  Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D50DC 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 0D50DC by changing the saturation by 10% instead.

0D50DC

0D50DC

FFFFFF

003ABF

6C81FF

0025A4

8C9BFF

001388

ACB5FF

00006E

CBD1FF

000C55

EAEDFF

00063C

000226

00010F

000000

■ 0D50DC

■ 0D50DC

■ 0047DC

■ 235FDC

■ 396EDC

■ 4F7DDC

■ 658CDC

■ 7B9ADC

■ 91A9DC

■ A7B8DC

■ BDC7DC

■ D3D6DC

Harmonies

Analogous

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



006BE9



0D50DC



A111AC

Triad

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



0D50DC



AC3200



007651

Complementary

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



0D50DC



DC990D

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.



007300



0D50DC



7B5700

Square

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



0D50DC



CA0028



376A00



007897

Rectangle

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



0D50DC



C20081



376A00



007538

Sweetspot

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



0D50DC



B8CFFF



0DDC97



546280



000000



808080

Same Dimension

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



0D50DC



0053FF



2F0DDC



63666E



0038AD



000F2E

Inverse Universe

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



DC0D50



FF0053



BADC0D



6E6366



AD0038



2E000F

Previews

White Background



This preview shows how the Hex color 0D50DC 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



This preview shows how the Hex color 0D50DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

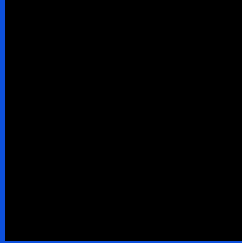
Any Text WCAG AA × Fail

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 0D50DC Background



This preview shows how black text looks on a background with the Hex color 0D50DC.



This preview shows how white text looks on a background with the Hex color 0D50DC.

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
0D50DC

Protanopia
0059BD

Deuteranopia
005FA1



Tritanopia
00676D

Trichromacy



Original Color
0D50DC

Protanomaly
0556C8

Deuteranomaly
055AB6

Tritanomaly
055F95

Monochromacy



Original Color
0D50DC

Achromatopsia
4C4C4C

Achromatomaly
354D80

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D50DC 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 #0D50DC looks like.

```
.text, #text, p{  
    color:#0D50DC  
}
```

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 #0D50DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D50DC
}
```

Border

The CSS property to change the border of an element to Hex 0D50DC 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
#0D50DC }
```

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

```
.border{ border-color:#0D50DC }
```

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

Here you see how a box with a 4 pixel #0D50DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D50DC; -webkit-box-shadow:4px 4px  
4px 4px #0D50DC; box-shadow:4px 4px 4px  
4px #0D50DC }
```

Background

The CSS property to change the background color of an element to Hex 0D50DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D50DC }
```

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

```
.background{ background-color:#0D50DC }
```

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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