

Converting Colors

Hex(0D0DCF)

Have a look what the booklet for
Hex(0D0DCF) contains.

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Color

Hex(0D0DCF)

Conversions

Conversions Part 1

Format	Color
Hex	0D0DCF
RGB	13, 13, 207
RGB Percent	5%, 5%, 81%
CMY	0.9490, 0.9490, 0.1882
CMYK	0.94, 0.94, 0.00, 0.19
HSL	240°, 88%, 43%
HSV	240°, 94%, 81%
XYZ	11.5724, 4.8784, 59.3632
YIQ	35.1160, -62.2740, 60.3340

Conversions

Conversions Part 2

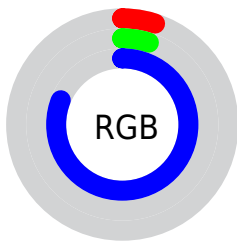
Format	Color
RYB	13, 13, 207
Decimal	855503
CIELab	26.39, 65.12, -90.31
CIELCh	26, 111.339, 305.795
Yxy	4.8784, 0.1526, 0.0643
Android (android.graphics.Color)	4279045583 (0xFF0D0DCF)
YUV	35.1160, 84.7388, -19.3957
Hunter-Lab	22.0871, 54.8714, -143.8918

Details

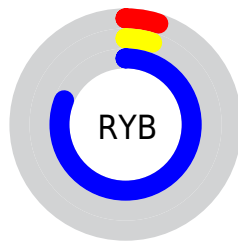
The Hex color **0D0DCF** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **CFCF0D**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **6D46FF**, and **000097** is the 20% darker color. If you saturate the color by 10%, you get **0000CF**, and if you desaturate by 10%, it is **2222CF**.

Distribution



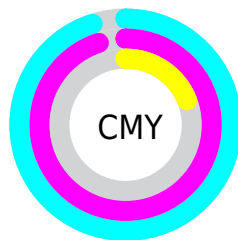
- Red (5%)
- Green (5%)
- Blue (81%)



- Red (5%)
- Yellow (5%)
- Blue (81%)



- Cyan (94%)
- Magenta (94%)
- Yellow (0%)
- Black (19%)



- Cyan (95%)
- Magenta (95%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0DCF 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 0D0DCF by changing the saturation by 10% instead.

 0D0DCF

 0D0DCF

FFFFFF

 0000B3

 6D46FF

 000097

 8F60FF

 00007C

 AF7AFF

 000B62

 CE95FF

 000949

 EEB1FF

 000431

 FFCDFE

 00011B

 FFEAFF

 000000

 0D0DCF

 0D0DCF

0000CF

2222CF

3636CF

4B4BCF

6060CF

7575CF

8989CF

9E9ECF

B3B3CF

C7C7CF

Harmonies

Analogous

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



004CF2



0D0DCF



A50087

Triad

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



0D0DCF



810C00



00574E

Complementary

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



0D0DCF



CFCF0D

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.



005400



0D0DCF



3F4200

Square

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



0D0DCF



AF0000



005000



0059A4

Rectangle

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



0D0DCF



BE004F



005000



005630

Sweetspot

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



0D0DCF



B8B8FF



0DCFCF



545480



000000



808080

Same Dimension

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



0D0DCF



0000FF



6E0DCF



5E5E69



0000A8



000029

Inverse Universe

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



CF0DCF



FF00FF



6ECF0D



695E69



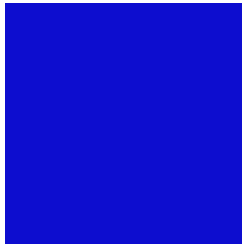
A800A8



290029

Previews

White Background



This preview shows how the Hex color 0D0DCF looks on a white background.

Color Contrast Check

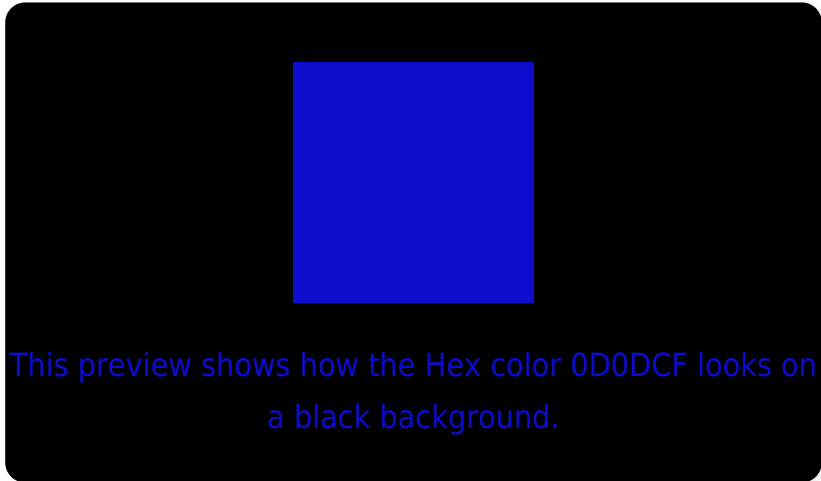
Large Text (above 18pt) WCAG AA ✓ Pass

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

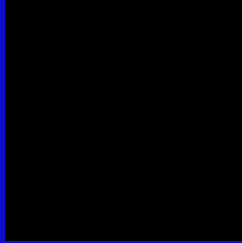
Any Text WCAG AA × Fail

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 0D0DCF Background



This preview shows how black text looks on a background with the Hex color 0D0DCF.



This preview shows how white text looks on a background with the Hex color 0D0DCF.

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
0D0DCF

Protanopia
003D80

Deuteranopia
00416D



Tritanopia
00474A

Trichromacy



Original Color
0D0DCF

Protanomaly
052C9D

Deuteranomaly
052E91

Tritanomaly
05327A

Monochromacy



Original Color
0D0DCF

Achromatopsia
232323

Achromatomaly
1B1B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0DCF 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 #0D0DCF looks like.

```
.text, #text, p{  
    color:#0D0DCF  
}
```

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 #0D0DCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0DCF
}
```

Border

The CSS property to change the border of an element to Hex 0D0DCF 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
#0D0DCF }
```

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

```
.border{ border-color:#0D0DCF }
```

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

Here you see how a box with a 4 pixel #0D0DCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0DCF; -webkit-box-shadow:4px 4px  
4px 4px #0D0DCF; box-shadow:4px 4px 4px  
4px #0D0DCF }
```

Background

The CSS property to change the background color of an element to Hex 0D0DCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0DCF }
```

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

```
.background{ background-color:#0D0DCF }
```

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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