

Converting Colors

Hex(0D6CC8)

Have a look what the booklet for
Hex(0D6CC8) contains.

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Color

Hex(0D6CC8)

Conversions

Conversions Part 1

Format	Color
Hex	0D6CC8
RGB	13, 108, 200
RGB Percent	5%, 42%, 78%
CMY	0.9490, 0.5765, 0.2157
CMYK	0.93, 0.46, 0.00, 0.22
HSL	210°, 88%, 42%
HSV	210°, 94%, 78%
XYZ	15.9539, 14.9808, 56.6943
YIQ	90.0830, -86.1520, 8.4720

Conversions

Conversions Part 2

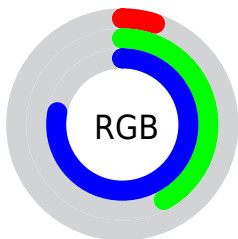
Format	Color
RYB	13, 76, 200
Decimal	879816
CIELab	45.61, 10.26, -54.68
CIELCh	46, 55.634, 280.628
Yxy	14.9808, 0.1821, 0.1710
Android (android.graphics.Color)	4279069896 (0xFF0D6CC8)
YUV	90.0830, 54.1891, -67.6018
Hunter-Lab	38.7051, 5.8422, -59.7531

Details

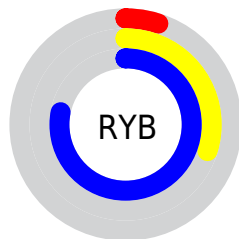
The Hex color **0D6CC8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C8690D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **649FFF**, and **003E91** is the 20% darker color. If you saturate the color by 10%, you get **0066C8**, and if you desaturate by 10%, it is **2176C8**.

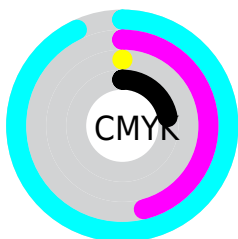
Distribution



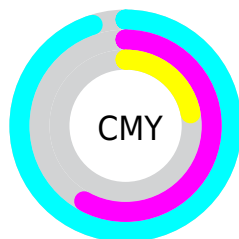
- Red (5%)
- Green (42%)
- Blue (78%)



- Red (5%)
- Yellow (30%)
- Blue (78%)



- Cyan (93%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6CC8 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 0D6CC8 by changing the saturation by 10% instead.

 0D6CC8

 0D6CC8

FFFFFF

 0054AC

 649FFF

 003E91

 84BAFF

 002977

 A2D5FF

 00165E

 C0F1FF

 000845

 DFFFFF

 00042E

FDFFFF

 000118

 000000

 0D6CC8

 0D6CC8

■ 0066C8

■ 2176C8

■ 3580C8

■ 498AC8

■ 5D93C8

■ 719DC8

■ 85A7C8

■ 99B1C8

■ ADBBC8

■ C1C5C8

Harmonies

Analogous

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



0079C4



0D6CC8



8258B3

Triad

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



0D6CC8



B54A31



007F4B

Complementary

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



0D6CC8



C8690D

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.



3F7A1D



0D6CC8



9A5E05

Square

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



0D6CC8



BF3B5D



736F00



00817C

Rectangle

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



0D6CC8



A4499A



736F00



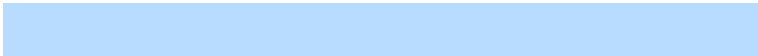
007E3C

Sweetspot

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



0D6CC8



B8DCFF



0DC867



546A80



000000



808080

Same Dimension

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



0D6CC8



0082FF



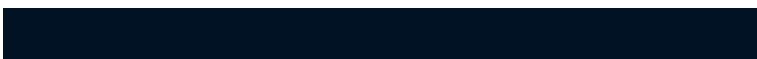
0D10C8



5A5F63



0053A3



001224

Inverse Universe

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



C80D6C



FF0082



C8C50D



635A5F



A30053



240012

Previews

White Background



This preview shows how the Hex color 0D6CC8 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 0D6CC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

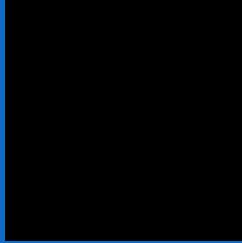
Any Text WCAG AA × Fail

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 0D6CC8 Background



This preview shows how black text looks on a background with the Hex color 0D6CC8.



This preview shows how white text looks on a background with the Hex color 0D6CC8.

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
0D6CC8

Protanopia
3D68C4

Deuteranopia
006EC1



Tritanopia
00777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6CC8 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 #0D6CC8 looks like.

```
.text, #text, p{  
    color:#0D6CC8  
}
```

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 #0D6CC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6CC8
}
```

Border

The CSS property to change the border of an element to Hex 0D6CC8 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
#0D6CC8 }
```

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

```
.border{ border-color:#0D6CC8 }
```

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

Here you see how a box with a 4 pixel #0D6CC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6CC8; -webkit-box-shadow:4px 4px  
4px 4px #0D6CC8; box-shadow:4px 4px 4px  
4px #0D6CC8 }
```

Background

The CSS property to change the background color of an element to Hex 0D6CC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6CC8 }
```

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

```
.background{ background-color:#0D6CC8 }
```

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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