

Converting Colors

Hex(0D6EC6)

Have a look what the booklet for
Hex(0D6EC6) contains.

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Color

Hex(0D6EC6)

Conversions

Conversions Part 1

Format	Color
Hex	0D6EC6
RGB	13, 110, 198
RGB Percent	5%, 43%, 78%
CMY	0.9490, 0.5686, 0.2235
CMYK	0.93, 0.44, 0.00, 0.22
HSL	209°, 88%, 41%
HSV	209°, 93%, 78%
XYZ	15.9350, 15.3146, 55.5422
YIQ	91.0290, -86.0600, 6.8040

Conversions

Conversions Part 2

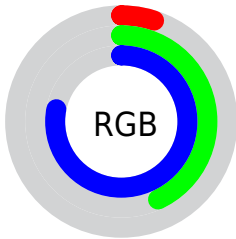
Format	Color
RYB	13, 77, 198
Decimal	880326
CIELab	46.06, 8.19, -52.80
CIElCh	46, 53.431, 278.821
Yxy	15.3146, 0.1836, 0.1765
Android (android.graphics.Color)	4279070406 (0xFF0D6EC6)
YUV	91.0290, 52.7367, -68.4314
Hunter-Lab	39.1339, 4.1991, -56.7557

Details

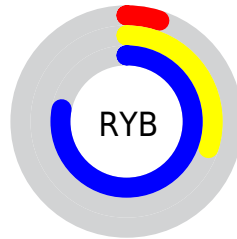
The Hex color **0D6EC6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C6650D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **64A1FF**, and **003F8F** is the 20% darker color. If you saturate the color by 10%, you get **0068C6**, and if you desaturate by 10%, it is **2177C6**.

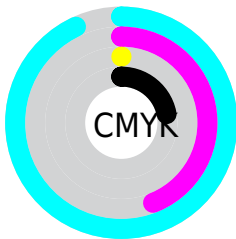
Distribution



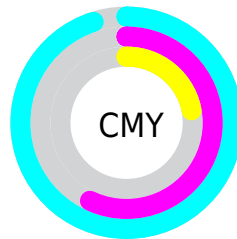
- Red (5%)
- Green (43%)
- Blue (78%)



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



- Cyan (93%)
- Magenta (44%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (57%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D6EC6 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 0D6EC6 by changing the saturation by 10% instead.

■ 0D6EC6

■ 0D6EC6

FFFFFF

■ 0056AA

■ 64A1FF

■ 003F8F

■ 83BCFF

■ 002A75

■ A1D7FF

■ 00175C

■ C0F4FF

■ 000744

■ DEFFFF

■ 00032D

FDFFFF

■ 000117

■ 000000

■ 0D6EC6

■ 0D6EC6

0068C6

2177C6

3581C6

488AC6

5C94C6

709DC6

84A7C6

98B0C6

ABB9C6

BFC3C6

Harmonies

Analogous

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



007BC0



0D6EC6



7F5BB3

Triad

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



0D6EC6



B64C37



00804B

Complementary

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



0D6EC6



C6650D

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.



467A20



0D6EC6



9C5F11

Square

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



0D6EC6



BD4062



776F00



008279

Rectangle

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



0D6EC6



A14D9C



776F00



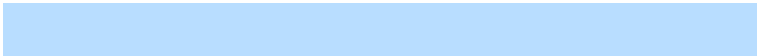
007E3C

Sweetspot

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



0D6EC6



B8DDFF



0DC663



546B80



000000



808080

Same Dimension

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



0D6EC6



0086FF



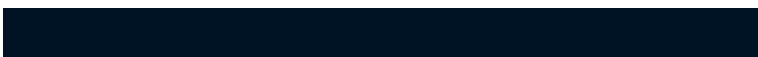
0D13C6



5A5F63



0056A3



001324

Inverse Universe

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



C60D6E



FF0086



C6C00D



635A5F



A30056



240013

Previews

White Background



This preview shows how the Hex color 0D6EC6 looks on a white background.

Color Contrast Check

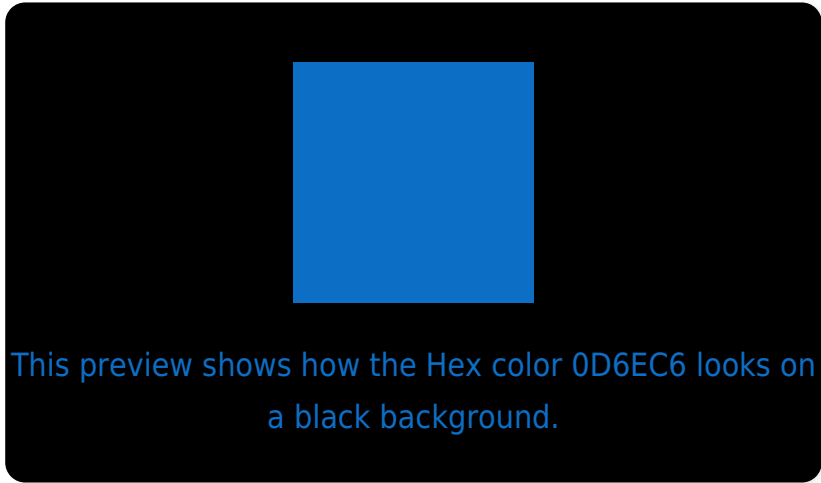
Large Text (above 18pt) WCAG AA ✓ Pass

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

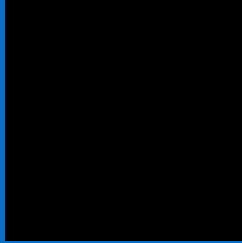
Any Text WCAG AA × Fail

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 0D6EC6 Background



This preview shows how black text looks on a background with the Hex color 0D6EC6.



This preview shows how white text looks on a background with the Hex color 0D6EC6.

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](#).

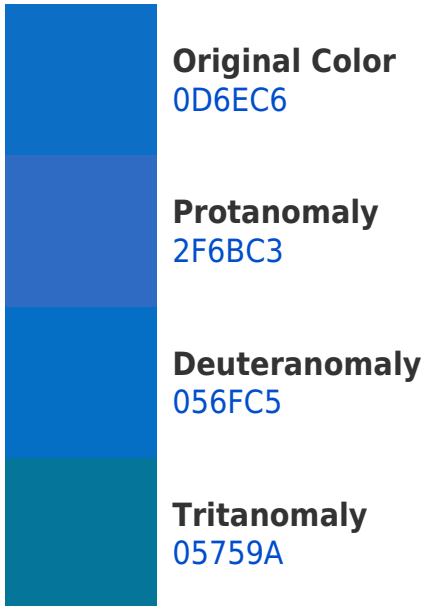
Dichromacy





Tritanopia
007981

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D6EC6 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 #0D6EC6 looks like.

```
.text, #text, p{  
    color:#0D6EC6  
}
```

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 #0D6EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6EC6
}
```

Border

The CSS property to change the border of an element to Hex 0D6EC6 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
#0D6EC6 }
```

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

```
.border{ border-color:#0D6EC6 }
```

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

Here you see how a box with a 4 pixel #0D6EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6EC6; -webkit-box-shadow:4px 4px  
4px 4px #0D6EC6; box-shadow:4px 4px 4px  
4px #0D6EC6 }
```

Background

The CSS property to change the background color of an element to Hex 0D6EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6EC6 }
```

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

```
.background{ background-color:#0D6EC6 }
```

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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