

Converting Colors

Hex(0D7EB7)

Have a look what the booklet for
Hex(0D7EB7) contains.

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Color

Hex(0D7EB7)

Conversions

Conversions Part 1

Format	Color
Hex	0D7EB7
RGB	13, 126, 183
RGB Percent	5%, 49%, 72%
CMY	0.9490, 0.5059, 0.2824
CMYK	0.93, 0.31, 0.00, 0.28
HSL	200°, 87%, 38%
HSV	200°, 93%, 72%
XYZ	16.1741, 18.4262, 47.5039
YIQ	98.7110, -85.6450, -6.2290

Conversions

Conversions Part 2

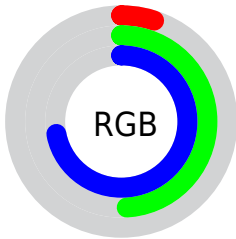
Format	Color
R_{YB}	13, 81, 183
Decimal	884407
CIE _{Lab}	50.01, -7.45, -37.88
CIE _{LCh}	50, 38.605, 258.878
Yxy	18.4262, 0.1970, 0.2244
Android (android.graphics.Color)	4279074487 (0xFF0D7EB7)
YUV	98.7110, 41.5545, -75.1685
Hunter-Lab	42.9257, -7.8626, -35.5655

Details

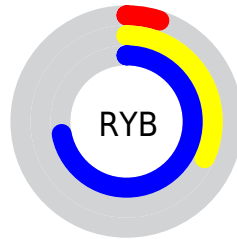
The Hex color **0D7EB7** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B7460D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **60B2EF**, and **004D82** is the 20% darker color. If you saturate the color by 10%, you get **007AB7**, and if you desaturate by 10%, it is **1F84B7**.

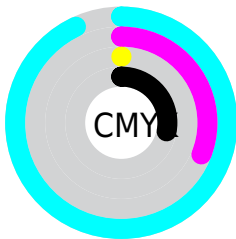
Distribution



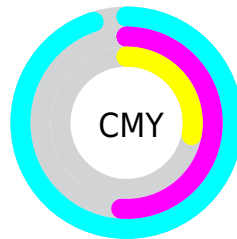
- Red (5%)
- Green (49%)
- Blue (72%)



- Red (5%)
- Yellow (32%)
- Blue (72%)



- Cyan (93%)
- Magenta (31%)
- Yellow (0%)
- Black (28%)



- Cyan (95%)
- Magenta (51%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7EB7 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 0D7EB7 by changing the saturation by 10% instead.

0D7EB7

0D7EB7

FFFFFF

00659C

60B2EF

004D82

7FCEFF

003768

9DEAFF

002250

BBFFFF

000539

D9FFFF

000222

F7FFFF

000008

000000

0D7EB7

0D7EB7

■ 007AB7

■ 1F84B7

■ 328AB7

■ 4490B7

■ 5697B7

■ 699DB7

■ 7BA3B7

■ 8DA9B7

■ 9FAFB7

■ B2B5B7

Harmonies

Analogous

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



0085A8



0D7EB7



6673B5

Triad

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



0D7EB7



B55C63



50834A

Complementary

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



0D7EB7



B7460D

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.



767C36



0D7EB7



AB6547

Square

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



0D7EB7



AE5D85



957135



0F8769

Rectangle

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



0D7EB7



866BAA



957135



5E8142

Sweetspot

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



0D7EB7



ABD7ED



0DB746



4F6A78



F7F7F7



787878

Same Dimension

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



0D7EB7



009EED



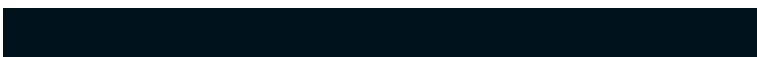
0D29B7



53595C



00679C



00131C

Inverse Universe

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



B70D7E



ED009E



B79B0D



5C5359



9C0067



1C0013

Previews

White Background



This preview shows how the Hex color 0D7EB7 looks on a white background.

Color Contrast Check

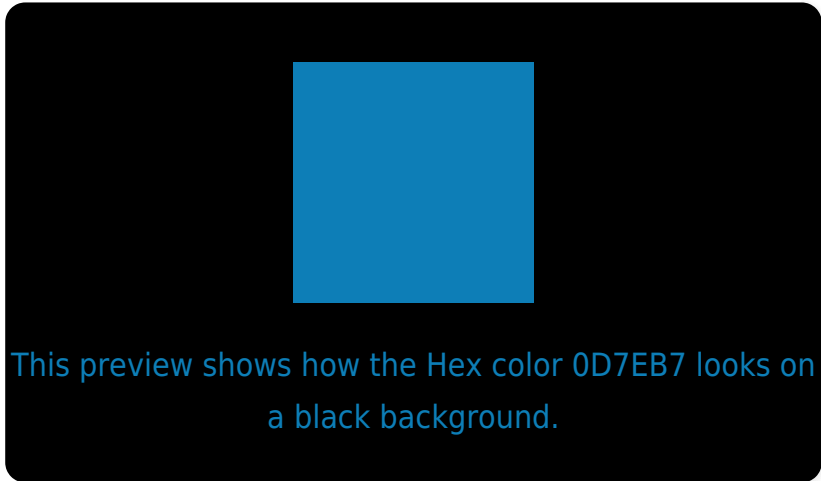
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

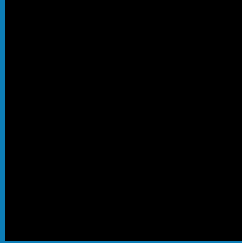
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0D7EB7 Background



This preview shows how black text looks on a background with the Hex color 0D7EB7.

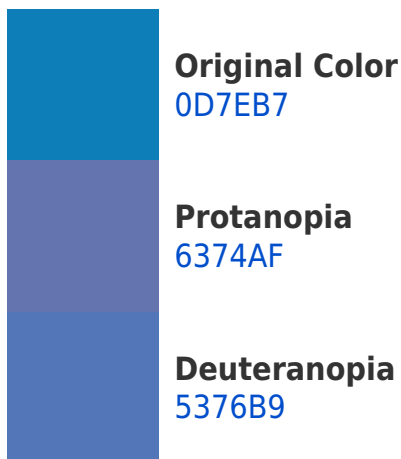


This preview shows how white text looks on a background with the Hex color 0D7EB7.

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
00848D

Trichromacy



Original Color
0D7EB7

Protanomaly
4478B2

Deuteranomaly
3A79B8

Tritanomaly
05829C

Monochromacy



Original Color
0D7EB7

Achromatopsia
636363

Achromatomaly
446D82

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7EB7 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 #0D7EB7 looks like.

```
.text, #text, p{  
    color:#0D7EB7  
}
```

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 #0D7EB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7EB7
}
```

Border

The CSS property to change the border of an element to Hex 0D7EB7 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
#0D7EB7 }
```

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

```
.border{ border-color:#0D7EB7 }
```

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

Here you see how a box with a 4 pixel #0D7EB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7EB7; -webkit-box-shadow:4px 4px  
4px 4px #0D7EB7; box-shadow:4px 4px 4px  
4px #0D7EB7 }
```

Background

The CSS property to change the background color of an element to Hex 0D7EB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7EB7 }
```

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

```
.background{ background-color:#0D7EB7 }
```

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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