

Converting Colors

Hex(0D77E0)

Have a look what the booklet for
Hex(0D77E0) contains.

Hex(0D77E0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D77E0)

Conversions

Conversions Part 1

Format	Color
Hex	0D77E0
RGB	13, 119, 224
RGB Percent	5%, 47%, 88%
CMY	0.9490, 0.5333, 0.1216
CMYK	0.94, 0.47, 0.00, 0.12
HSL	210°, 89%, 46%
HSV	210°, 94%, 88%
XYZ	20.2174, 18.6610, 73.0574
YIQ	99.2760, -96.8810, 10.1830

Conversions

Conversions Part 2

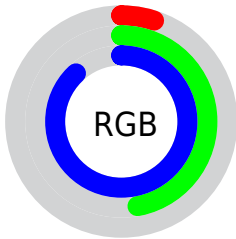
Format	Color
R_{YB}	13, 84, 224
Decimal	882656
CIE _{Lab}	50.29, 12.74, -60.80
CIE _{LCh}	50, 62.122, 281.837
Yxy	18.6610, 0.1806, 0.1667
Android (android.graphics.Color)	4279072736 (0xFF0D77E0)
YUV	99.2760, 61.4889, -75.6641
Hunter-Lab	43.1984, 7.9428, -70.0326

Details

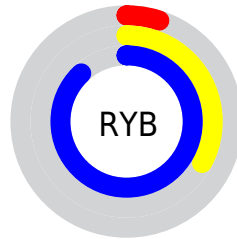
The Hex color **0D77E0** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E0760D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6AABFF**, and **0048A8** is the 20% darker color. If you saturate the color by 10%, you get **0071E0**, and if you desaturate by 10%, it is **2382E0**.

Distribution



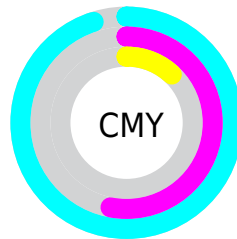
- Red (5%)
- Green (47%)
- Blue (88%)



- Red (5%)
- Yellow (33%)
- Blue (88%)



- Cyan (94%)
- Magenta (47%)
- Yellow (0%)
- Black (12%)



- Cyan (95%)
- Magenta (53%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D77E0 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 0D77E0 by changing the saturation by 10% instead.

 0D77E0

 0D77E0

FFFFFF

 005FC4

 6AABFF

 0048A8

 8BC6FF

 00328D

 AAE1FF

 001F73

 C9FEFF

 00045A

 E8FFFF

 000741

 00032A

 000114

 000000

■ 0D77E0

■ 0D77E0

■ 0071E0

■ 2382E0

■ 3A8DE0

■ 5098E0

■ 67A4E0

■ 7DAFE0

■ 93BAE0

■ AAC5E0

■ C0D0E0

■ D7DBE0

Harmonies

Analogous

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



0086DC



0D77E0



945FC7

Triad

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



0D77E0



CA5133



008E55

Complementary

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



0D77E0



E0760D

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.



40881F



0D77E0



AA6900

Square

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



0D77E0



D53F65



7D7C00



00908C

Rectangle

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



0D77E0



B94EAB



7D7C00



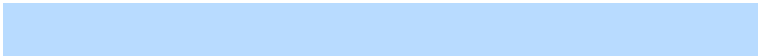
008C43

Sweetspot

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



0D77E0



B8DBFF



0DE073



546A80



000000



808080

Same Dimension

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



0D77E0



0080FF



0D11E0



656B70



0058B0



001830

Inverse Universe

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



E00D77



FF0080



E0DC0D



70656B



B00058



300018

Previews

White Background



This preview shows how the Hex color 0D77E0 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



This preview shows how the Hex color 0D77E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

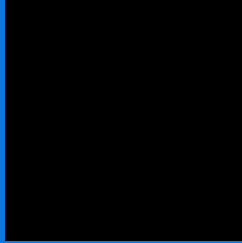
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

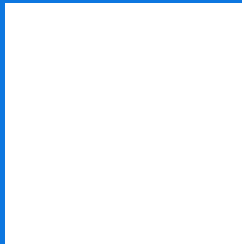
Any Text WCAG AAA × Fail

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

Hex 0D77E0 Background



This preview shows how black text looks on a background with the Hex color 0D77E0.



This preview shows how white text looks on a background with the Hex color 0D77E0.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D77E0 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 #0D77E0 looks like.

```
.text, #text, p{  
    color:#0D77E0  
}
```

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 #0D77E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D77E0
}
```

Border

The CSS property to change the border of an element to Hex 0D77E0 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
#0D77E0 }
```

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

```
.border{ border-color:#0D77E0 }
```

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

Here you see how a box with a 4 pixel #0D77E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D77E0; -webkit-box-shadow:4px 4px  
4px 4px #0D77E0; box-shadow:4px 4px 4px  
4px #0D77E0 }
```

Background

The CSS property to change the background color of an element to Hex 0D77E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D77E0 }
```

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

```
.background{ background-color:#0D77E0 }
```

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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