

Converting Colors

Hex(0C77E3)

Have a look what the booklet for
Hex(0C77E3) contains.

Hex(0C77E3)	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(0C77E3)

Conversions

Conversions Part 1

Format	Color
Hex	0C77E3
RGB	12, 119, 227
RGB Percent	5%, 47%, 89%
CMY	0.9529, 0.5333, 0.1098
CMYK	0.95, 0.48, 0.00, 0.11
HSL	210°, 90%, 47%
HSV	210°, 95%, 89%
XYZ	20.6136, 18.8179, 75.2188
YIQ	99.3190, -98.4400, 10.9040

Conversions

Conversions Part 2

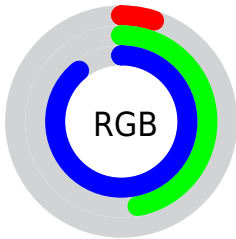
Format	Color
RYB	12, 83, 227
Decimal	817123
CIELab	50.47, 13.88, -62.19
CIELCh	50, 63.722, 282.583
Yxy	18.8179, 0.1798, 0.1641
Android (android.graphics.Color)	4279007203 (0xFF0C77E3)
YUV	99.3190, 62.9467, -76.5788
Hunter-Lab	43.3796, 8.9073, -72.4413

Details

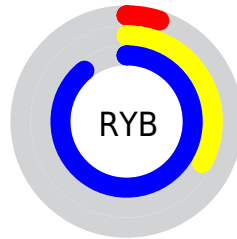
The Hex color **0C77E3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E3780C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6BABFF**, and **0048AB** is the 20% darker color. If you saturate the color by 10%, you get **0071E3**, and if you desaturate by 10%, it is **2382E3**.

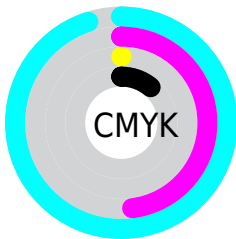
Distribution



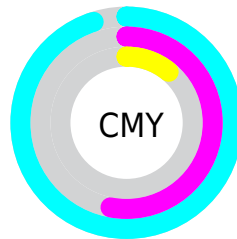
- Red (5%)
- Green (47%)
- Blue (89%)



- Red (5%)
- Yellow (33%)
- Blue (89%)



- Cyan (95%)
- Magenta (48%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (53%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C77E3 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 0C77E3 by changing the saturation by 10% instead.

 0C77E3

 0C77E3

FFFFFF

 005FC7

 6BABFF

 0048AB

 8CC6FF

 003290

 ABE1FF

 001F75


 CAFEFF

 00055C

 E9FFFF

 000743

 00032C

 000117

 000000

■ 0C77E3

■ 0C77E3

■ 0071E3

■ 2382E3

■ 398EE3

■ 5099E3

■ 67A5E3

■ 7DB0E3

■ 94BBE3

■ ABC7E3

■ C2D2E3

■ D8DEE3

Harmonies

Analogous

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



0087E0



0C77E3



975EC9

Triad

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



0C77E3



CB5130



008F55

Complementary

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



0C77E3



E3780C

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.



3C891D



0C77E3



AA6A00

Square

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



0C77E3



D83D64



7C7D00



00918E

Rectangle

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



0C77E3



BC4CAB



7C7D00



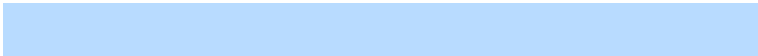
008D43

Sweetspot

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



0C77E3



B8DBFF



0CE377



546A80



000000



808080

Same Dimension

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



0C77E3



007FFF



0C0CE3



676D73



0059B3



001933

Inverse Universe

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



E30C77



FF007F



E3E30C



73676D



B30059



330019

Previews

White Background



This preview shows how the Hex color 0C77E3 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

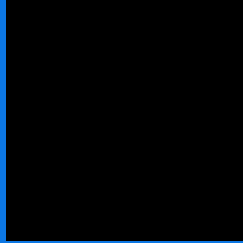
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

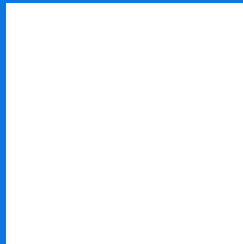
Any Text WCAG AAA × Fail

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

Hex 0C77E3 Background



This preview shows how black text looks on a background with the Hex color 0C77E3.



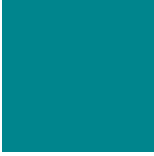
This preview shows how white text looks on a background with the Hex color 0C77E3.

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
00858D

Trichromacy



Original Color
0C77E3

Protanomaly
2C75E1

Deuteranomaly
0479DB

Tritanomaly
0480AC

Monochromacy



Original Color
0C77E3

Achromatopsia
636363

Achromatomaly
436A92

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C77E3 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 #0C77E3 looks like.

```
.text, #text, p{  
    color:#0C77E3  
}
```

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 #0C77E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C77E3
}
```

Border

The CSS property to change the border of an element to Hex 0C77E3 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
#0C77E3 }
```

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

```
.border{ border-color:#0C77E3 }
```

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

Here you see how a box with a 4 pixel #0C77E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C77E3; -webkit-box-shadow:4px 4px  
4px 4px #0C77E3; box-shadow:4px 4px 4px  
4px #0C77E3 }
```

Background

The CSS property to change the background color of an element to Hex 0C77E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C77E3 }
```

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

```
.background{ background-color:#0C77E3 }
```

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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