

Converting Colors

Hex(0177E2)

Have a look what the booklet for
Hex(0177E2) contains.

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Color

Hex(0177E2)

Conversions

Conversions Part 1

Format	Color
Hex	0177E2
RGB	1, 119, 226
RGB Percent	0%, 47%, 89%
CMY	0.9961, 0.5333, 0.1137
CMYK	1.00, 0.47, 0.00, 0.11
HSL	209°, 99%, 45%
HSV	209°, 100%, 89%
XYZ	20.3368, 18.6911, 74.4874
YIQ	95.9160, -104.6750, 8.2610

Conversions

Conversions Part 2

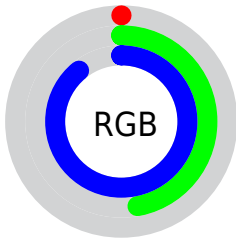
Format	Color
R_{YB}	1, 78, 226
Decimal	96226
CIE _{Lab}	50.32, 13.18, -61.87
CIE _{LCh}	50, 63.262, 282.022
Yxy	18.6911, 0.1792, 0.1647
Android (android.graphics.Color)	4278286306 (0xFF0177E2)
YUV	95.9160, 64.1314, -83.2413
Hunter-Lab	43.2332, 8.3080, -71.8888

Details

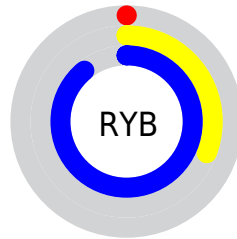
The Hex color **0177E2** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E26C01**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **69AAFF**, and **0048AA** is the 20% darker color. If you saturate the color by 10%, you get **0077E2**, and if you desaturate by 10%, it is **1882E2**.

Distribution



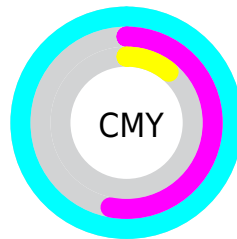
- Red (0%)
- Green (47%)
- Blue (89%)



- Red (0%)
- Yellow (31%)
- Blue (89%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (53%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0177E2 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 0177E2 by changing the saturation by 10% instead.

0177E2

0177E2

FFFFFF

005FC6

69AAFF

0048AA

8AC6FF

00328F

A9E1FF

001F74

C8FEFF

00045B

E8FFFF

000743

00032B

000116

000000

■ 0177E2

■ 0177E2

■ 0077E2

■ 1882E2

■ 2E8CE2

■ 4597E2

■ 5BA2E2

■ 72ADE2

■ 89B7E2

■ 9FC2E2

■ B6CDE2

■ CCD8E2

Harmonies

Analogous

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



0087DF



0177E2



955FC9

Triad

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



0177E2



CB5031



008E54

Complementary

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



0177E2



E26C01

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.



3E881C



0177E2



AA6900

Square

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



0177E2



D73D64



7C7C00



00908D

Rectangle

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



0177E2



BA4DAB



7C7C00



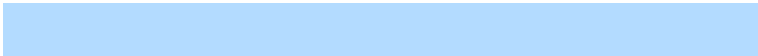
008D42

Sweetspot

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



0177E2



B3DBFF



01E26A



526A80



000000



808080

Same Dimension

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



0177E2



0086FF



0108E2



656B70



005CB0



001930

Inverse Universe

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



E20177



FF0086



E2DB01



70656B



B0005C



300019

Previews

White Background



This preview shows how the Hex color 0177E2 looks on a white background.

Color Contrast Check

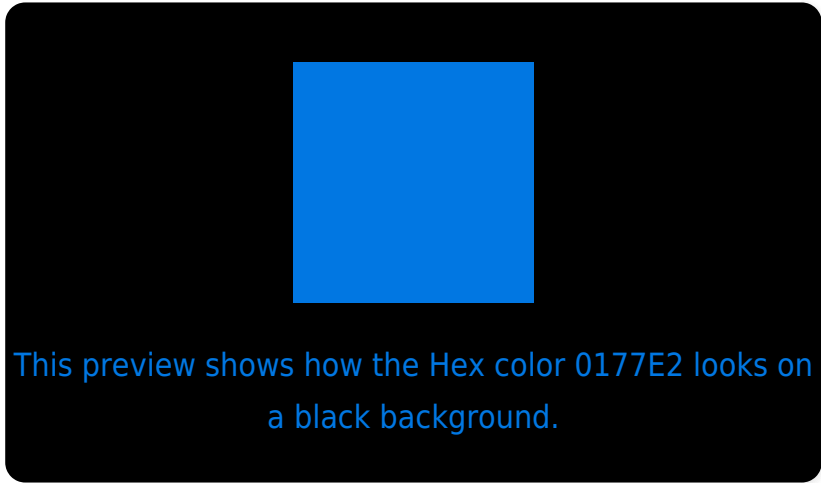
Large Text (above 18pt) WCAG AA ✓ Pass

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

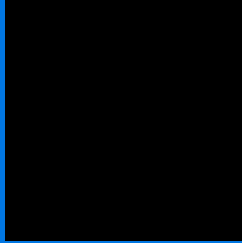
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

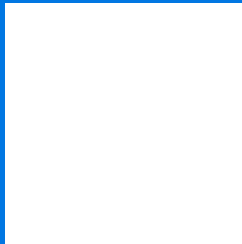
Any Text WCAG AAA × Fail

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

Hex 0177E2 Background



This preview shows how black text looks on a background with the Hex color 0177E2.



This preview shows how white text looks on a background with the Hex color 0177E2.

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
0177E2

Protanopia
3F74DE

Deuteranopia
007AD5



Tritanopia
00858D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0177E2 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 #0177E2 looks like.

```
.text, #text, p{  
    color:#0177E2  
}
```

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 #0177E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0177E2
}
```

Border

The CSS property to change the border of an element to Hex 0177E2 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
#0177E2 }
```

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

```
.border{ border-color:#0177E2 }
```

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

Here you see how a box with a 4 pixel #0177E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0177E2; -webkit-box-shadow:4px 4px  
4px 4px #0177E2; box-shadow:4px 4px 4px  
4px #0177E2 }
```

Background

The CSS property to change the background color of an element to Hex 0177E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0177E2 }
```

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

```
.background{ background-color:#0177E2 }
```

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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