

Converting Colors

Hex(0F80D7)

Have a look what the booklet for
Hex(0F80D7) contains.

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Color

Hex(0F80D7)

Conversions

Conversions Part 1

Format	Color
Hex	0F80D7
RGB	15, 128, 215
RGB Percent	6%, 50%, 84%
CMY	0.9412, 0.4980, 0.1569
CMYK	0.93, 0.40, 0.00, 0.16
HSL	206°, 87%, 45%
HSV	206°, 93%, 84%
XYZ	20.1819, 20.4462, 67.1728
YIQ	104.1310, -95.2750, 3.1010

Conversions

Conversions Part 2

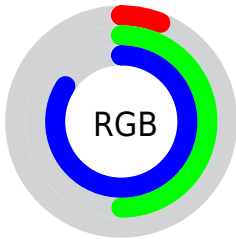
Format	Color
RYB	15, 87, 215
Decimal	1016023
CIELab	52.34, 3.73, -52.43
CIELCh	52, 52.567, 274.073
Yxy	20.4462, 0.1872, 0.1897
Android (android.graphics.Color)	4279206103 (0xFF0F80D7)
YUV	104.1310, 54.6584, -78.1679
Hunter-Lab	45.2175, 0.5393, -56.4260

Details

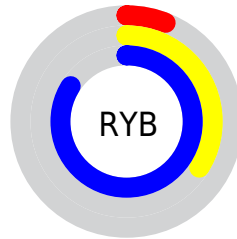
The Hex color **0F80D7** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D7660F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **68B4FF**, and **0050A0** is the 20% darker color. If you saturate the color by 10%, you get **0079D7**, and if you desaturate by 10%, it is **2589D7**.

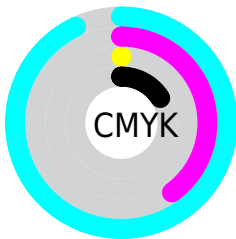
Distribution



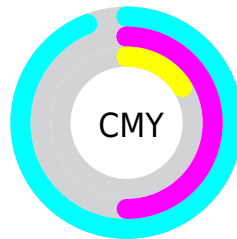
- Red (6%)
- Green (50%)
- Blue (84%)



- Red (6%)
- Yellow (34%)
- Blue (84%)



- Cyan (93%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)



- Cyan (94%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F80D7 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 0F80D7 by changing the saturation by 10% instead.

0F80D7

0F80D7

FFFFFF

0067BB

68B4FF

0050A0

88D0FF

003985

A7ECFF

00256B

C6FFFF

000F52

E5FFFF

00063A

000224

00000B

000000

■ 0F80D7

■ 0F80D7

■ 0079D7

■ 2589D7

■ 3A93D7

■ 509CD7

■ 65A5D7

■ 7BAFD7

■ 90B8D7

■ A6C1D7

■ BBCBD7

■ D1D4D7

Harmonies

Analogous

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



008CCE



0F80D7



866EC8

Triad

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



0F80D7



CA5A4D



019053

Complementary

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



0F80D7



D7660F

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.



60892C



0F80D7



B36C29

Square

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



0F80D7



CE5279



8F7D18



009282

Rectangle

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



0F80D7



AB61B2



8F7D18



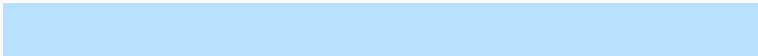
358E45

Sweetspot

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



0F80D7



B8E0FF



0FD766



546D80



000000



808080

Same Dimension

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



0F80D7



0090FF



0F1CD7



60666B



0061AB



00182B

Inverse Universe

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



D70F80



FF0090



D7CA0F



6B6066



AB0061



2B0018

Previews

White Background



This preview shows how the Hex color 0F80D7 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 0F80D7 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 0F80D7 Background



This preview shows how black text looks on a background with the Hex color 0F80D7.

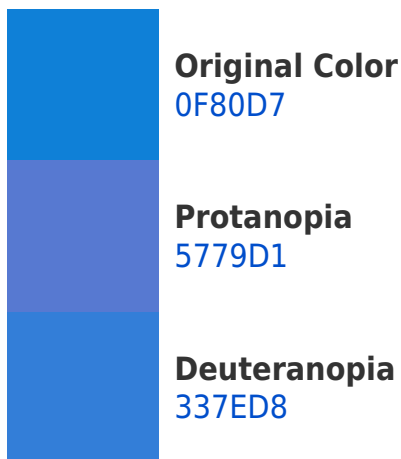


This preview shows how white text looks on a background with the Hex color 0F80D7.

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](#).

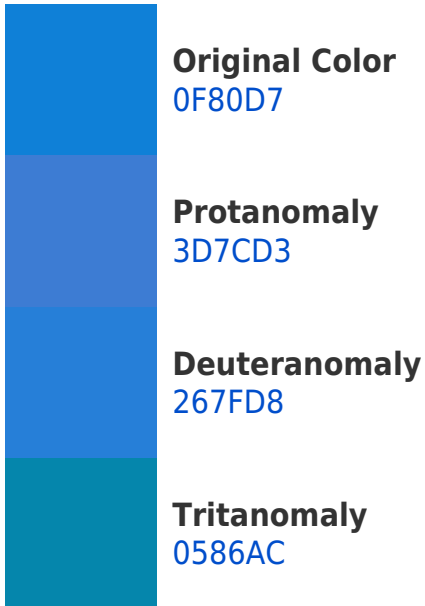
Dichromacy





Tritanopia
008A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0F80D7 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 #0F80D7 looks like.

```
.text, #text, p{  
    color:#0F80D7  
}
```

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 #0F80D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F80D7
}
```

Border

The CSS property to change the border of an element to Hex 0F80D7 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
#0F80D7 }
```

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

```
.border{ border-color:#0F80D7 }
```

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

Here you see how a box with a 4 pixel #0F80D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F80D7; -webkit-box-shadow:4px 4px  
4px 4px #0F80D7; box-shadow:4px 4px 4px  
4px #0F80D7 }
```

Background

The CSS property to change the background color of an element to Hex 0F80D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F80D7 }
```

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

```
.background{ background-color:#0F80D7 }
```

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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