

# Converting Colors

Hex(0F72E8)

Have a look what the booklet for  
Hex(0F72E8) contains.

<b>Hex(0F72E8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(0F72E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F72E8
RGB	15, 114, 232
RGB Percent	6%, 45%, 91%
CMY	0.9412, 0.5529, 0.0902
CMYK	0.94, 0.51, 0.00, 0.09
HSL	213°, 88%, 48%
HSV	213°, 94%, 91%
XYZ	20.7798, 17.9624, 78.7158
YIQ	97.8510, -96.8820, 15.7100

# Conversions

## Conversions Part 2

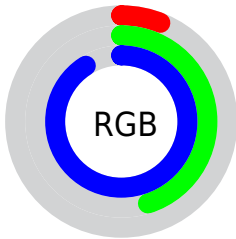
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	15, 83, 232
Decimal	1012456
CIE Lab	49.45, 19.10, -66.65
CIE LCh	49, 69.336, 285.988
Yxy	17.9624, 0.1769, 0.1529
Android (android.graphics.Color)	4279202536 (0xFF0F72E8)
YUV	97.8510, 66.1355, -72.6603
Hunter-Lab	42.3820, 13.3495, -80.4514

# Details

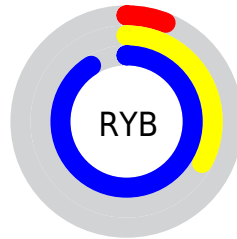
The Hex color **0F72E8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E8850F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **6DA5FF**, and **0043AF** is the 20% darker color. If you saturate the color by 10%, you get **006AE8**, and if you desaturate by 10%, it is **267FE8**.

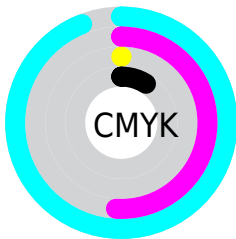
# Distribution



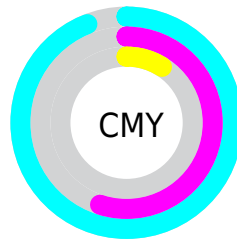
- Red (6%)
- Green (45%)
- Blue (91%)



- Red (6%)
- Yellow (33%)
- Blue (91%)



- Cyan (94%)
- Magenta (51%)
- Yellow (0%)
- Black (9%)



- Cyan (94%)
- Magenta (55%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F72E8 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 0F72E8 by changing the saturation by 10% instead.



 0F72E8

 0F72E8

FFFFFF

 005ACB

 6DA5FF

 0043AF

 8EC0FF

 002F94

 AEDCFF

 001C7A

 CDF8FF

 000260

 ECF8FF

 000847

 000430

 00011A

 000000

■ 0F72E8

■ 0F72E8

■ 006AE8

■ 267FE8

■ 3D8BE8

■ 5598E8

■ 6CA4E8

■ 83B1E8

■ 9ABEE8

■ B1CAE8

■ C9D7E8

■ E0E4E8

# Harmonies

## Analogous

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



0084E9



0F72E8



9E55C8

# Triad

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



0F72E8



CB4C20



008E57

# Complementary

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



0F72E8



E8850F

# 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.



208815



0F72E8



A56900

# Square

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



0F72E8



DC3059



717D00



008F94

# Rectangle

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



0F72E8



C43FA7



717D00



008C42



# Sweetspot

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



0F72E8



B8D8FF



0FE883



546880



000000



808080



# Same Dimension

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



0F72E8



0074FF



160FE8



676D73



0051B3



001733



# Inverse Universe

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



E80F72



FF0074



E1E80F



73676D



B30051



330017



# Previews

## White Background



This preview shows how the Hex color 0F72E8 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

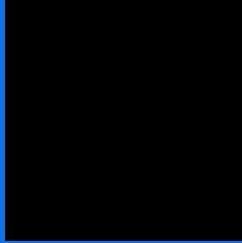
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

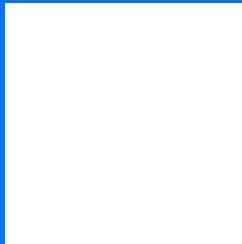
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0F72E8 Background



This preview shows how black text looks on a background with the Hex color 0F72E8.



This preview shows how white text looks on a background with the Hex color 0F72E8.

# 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**  
00828A

# Trichromacy



**Original Color**  
0F72E8

**Protanomaly**  
2071E7

**Deuteranomaly**  
0575D8

**Tritanomaly**  
057CAC

# Monochromacy



**Original Color**  
0F72E8

**Achromatopsia**  
626262

**Achromatomaly**  
446893

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F72E8 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 #0F72E8 looks like.

```
.text, #text, p{  
    color:#0F72E8  
}
```

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 #0F72E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F72E8
}
```

## Border

The CSS property to change the border of an element to Hex 0F72E8 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
#0F72E8 }
```

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

```
.border{ border-color:#0F72E8 }
```

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

Here you see how a box with a 4 pixel #0F72E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F72E8; -webkit-box-shadow:4px 4px  
4px 4px #0F72E8; box-shadow:4px 4px 4px  
4px #0F72E8 }
```

# Background

The CSS property to change the background color of an element to Hex 0F72E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F72E8 }
```

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

```
.background{ background-color:#0F72E8 }
```

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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