

Converting Colors

Hex(0F58E4)

Have a look what the booklet for
Hex(0F58E4) contains.

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Color

Hex(0F58E4)

Conversions

Conversions Part 1

Format	Color
Hex	0F58E4
RGB	15, 88, 228
RGB Percent	6%, 35%, 89%
CMY	0.9412, 0.6549, 0.1059
CMYK	0.93, 0.61, 0.00, 0.11
HSL	219°, 88%, 48%
HSV	219°, 93%, 89%
XYZ	17.6903, 12.6824, 74.9144
YIQ	82.1330, -88.4480, 28.0640

Conversions

Conversions Part 2

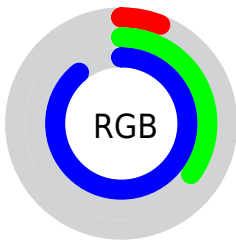
Format	Color
R _Y B	15, 69, 228
Decimal	1005796
CIE Lab	42.28, 34.27, -76.08
CIE LCh	42, 83.439, 294.247
Yxy	12.6824, 0.1680, 0.1205
Android (android.graphics.Color)	4279195876 (0xFF0F58E4)
YUV	82.1330, 71.9124, -58.8756
Hunter-Lab	35.6124, 26.3474, -99.7939

Details

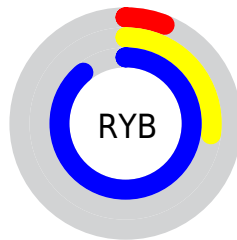
The Hex color **0F58E4** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E49B0F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6E89FF**, and **002CAB** is the 20% darker color. If you saturate the color by 10%, you get **004EE4**, and if you desaturate by 10%, it is **2667E4**.

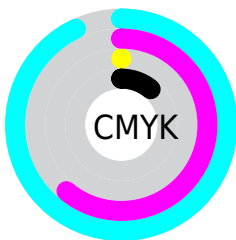
Distribution



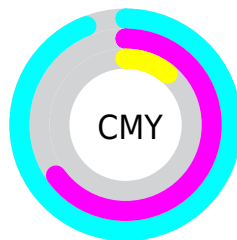
- Red (6%)
- Green (35%)
- Blue (89%)



- Red (6%)
- Yellow (27%)
- Blue (89%)



- Cyan (93%)
- Magenta (61%)
- Yellow (0%)
- Black (11%)



- Cyan (94%)
- Magenta (65%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F58E4 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 0F58E4 by changing the saturation by 10% instead.

0F58E4

0F58E4

FFFFFF

0041C7

6E89FF

002CAB

8FA3FF

001A90

AFBEFF

000475

CEDAFF

000D5C

EDF7FF

000743

00032C

000116

000000

■ 0F58E4

■ 0F58E4

■ 004EE4

■ 2667E4

■ 3D76E4

■ 5385E4

■ 6A94E4

■ 81A3E4

■ 98B2E4

■ AFC1E4

■ C5D0E4

■ DCDFE4

Harmonies

Analogous

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



0072F0



0F58E4



A624B6

Triad

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



0F58E4



B63800



007E54

Complementary

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



0F58E4



E49B0F

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.



007A00



0F58E4



855D00

Square

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



0F58E4



D30031



437000



007F9B

Rectangle

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



0F58E4



C8008B



437000



007D3B

Sweetspot

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



0F58E4



B8D0FF



0FE499



546380



000000



808080

Same Dimension

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



0F58E4



0057FF



2F0FE4



676B73



003DB3



001133

Inverse Universe

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



E40F58



FF0057



C4E40F



73676B



B3003D



330011

Previews

White Background



This preview shows how the Hex color 0F58E4 looks on a white background.

Color Contrast Check

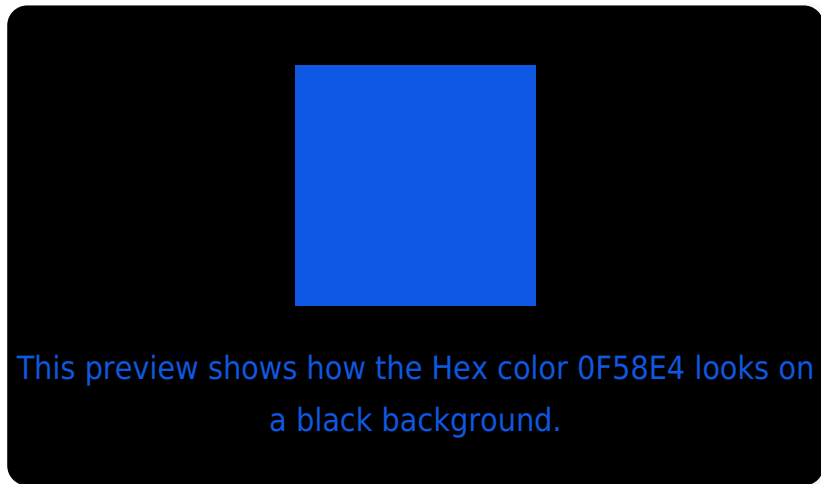
Large Text (above 18pt) WCAG AA ✓ Pass

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

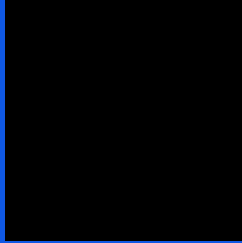
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0F58E4 Background



This preview shows how black text looks on a background with the Hex color 0F58E4.



This preview shows how white text looks on a background with the Hex color 0F58E4.

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
006E75

Trichromacy



Original Color
0F58E4

Protanomaly
055CD3

Deuteranomaly
0561C1

Tritanomaly
05669D

Monochromacy



Original Color
0F58E4

Achromatopsia
525252

Achromatomaly
3A5487

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F58E4 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 #0F58E4 looks like.

```
.text, #text, p{  
    color:#0F58E4  
}
```

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 #0F58E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F58E4
}
```

Border

The CSS property to change the border of an element to Hex 0F58E4 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
#0F58E4 }
```

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

```
.border{ border-color:#0F58E4 }
```

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

Here you see how a box with a 4 pixel #0F58E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F58E4; -webkit-box-shadow:4px 4px  
4px 4px #0F58E4; box-shadow:4px 4px 4px  
4px #0F58E4 }
```

Background

The CSS property to change the background color of an element to Hex 0F58E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F58E4 }
```

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

```
.background{ background-color:#0F58E4 }
```

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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