

Converting Colors

Hex(0F21ED)

Have a look what the booklet for
Hex(0F21ED) contains.

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Color

Hex(0F21ED)

Conversions

Conversions Part 1

Format	Color
Hex	0F21ED
RGB	15, 33, 237
RGB Percent	6%, 13%, 93%
CMY	0.9412, 0.8706, 0.0706
CMYK	0.94, 0.86, 0.00, 0.07
HSL	235°, 88%, 49%
HSV	235°, 94%, 93%
XYZ	16.0269, 7.3037, 80.6858
YIQ	50.8740, -76.2120, 59.6280

Conversions

Conversions Part 2

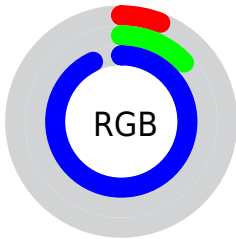
Format	Color
RYB	15, 32, 237
Decimal	991725
CIELab	32.49, 67.23, -97.38
CIELCh	32, 118.336, 304.620
Yxy	7.3037, 0.1541, 0.0702
Android (android.graphics.Color)	4279181805 (0xFF0F21ED)
YUV	50.8740, 91.7601, -31.4615
Hunter-Lab	27.0254, 58.5620, -158.0961

Details

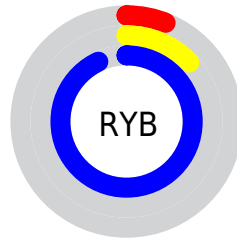
The Hex color **0F21ED** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **EDDB0F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7555FF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **0013ED**, and if you desaturate by 10%, it is **2737ED**.

Distribution



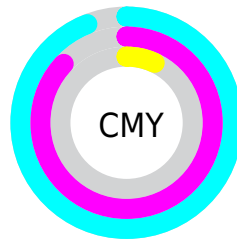
- Red (6%)
- Green (13%)
- Blue (93%)



- Red (6%)
- Yellow (13%)
- Blue (93%)



- Cyan (94%)
- Magenta (86%)
- Yellow (0%)
- Black (7%)



- Cyan (94%)
- Magenta (87%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F21ED 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 0F21ED by changing the saturation by 10% instead.

 0F21ED

 0F21ED

FFFFFF

 0000D0

 7555FF

 0000B3


 9870FF

 000097

 B98AFF

 00007C

 D9A6FF

 000F62

 F9C2FF

 000949

 FFDEFF

 000432

 FFFBFF

 00011C

 000000

■ 0F21ED

■ 0F21ED

■ 0013ED

■ 2737ED

■ 3E4DED

■ 5662ED

■ 6E78ED

■ 858EED

■ 9DA4ED

■ B5B9ED

■ CDCFED

■ E4E5ED

Harmonies

Analogous

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



005CFF



0F21ED



BC009F

Triad

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



0F21ED



991600



00675A

Complementary

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



0F21ED



EDDB0F

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.



006500



0F21ED



514F00

Square

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



0F21ED



CB0000



006000



006BB8

Rectangle

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



0F21ED



D80062



006000



006639

Sweetspot

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



0F21ED



B8BDFE



0FEDDA



545880



000000



808080

Same Dimension

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



0F21ED



0015FF



6C0FED



6A6B75



000FB5



000436

Inverse Universe

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



ED0F21



FF0015



91ED0F



756A6B



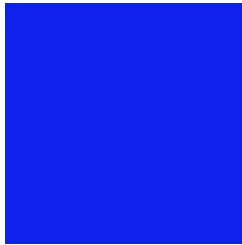
B5000F



360004

Previews

White Background



This preview shows how the Hex color 0F21ED looks on a white background.

Color Contrast Check

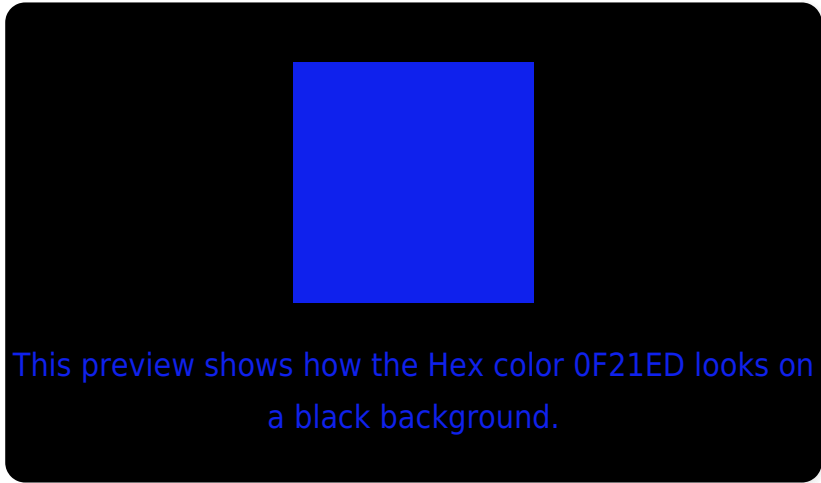
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

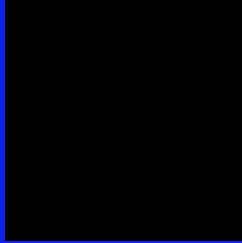
Any Text WCAG AA × Fail

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 0F21ED Background



This preview shows how black text looks on a background with the Hex color 0F21ED.



This preview shows how white text looks on a background with the Hex color 0F21ED.

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
0F21ED

Protanopia
00499A

Deuteranopia
004E82

Trichromacy



Original Color
0F21ED

Protanomaly
053AB8

Deuteranomaly
053EA9

Tritanomaly
05418E

Monochromacy



Original Color
0F21ED

Achromatopsia
333333

Achromatomaly
262C77

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F21ED 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 #0F21ED looks like.

```
.text, #text, p{  
    color:#0F21ED  
}
```

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 #0F21ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F21ED
}
```

Border

The CSS property to change the border of an element to Hex 0F21ED 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
#0F21ED }
```

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

```
.border{ border-color:#0F21ED }
```

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

Here you see how a box with a 4 pixel #0F21ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F21ED; -webkit-box-shadow:4px 4px  
4px 4px #0F21ED; box-shadow:4px 4px 4px  
4px #0F21ED }
```

Background

The CSS property to change the background color of an element to Hex 0F21ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F21ED }
```

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

```
.background{ background-color:#0F21ED }
```

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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