

Converting Colors

Hex(0159F7)

Have a look what the booklet for
Hex(0159F7) contains.

Hex(0159F7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0159F7)

Conversions

Conversions Part 1

Format	Color
Hex	0159F7
RGB	1, 89, 247
RGB Percent	0%, 35%, 97%
CMY	0.9961, 0.6510, 0.0314
CMYK	1.00, 0.64, 0.00, 0.03
HSL	219°, 99%, 49%
HSV	219°, 100%, 97%
XYZ	20.3734, 13.8666, 89.5984
YIQ	80.7000, -103.1660, 30.4820

Conversions

Conversions Part 2

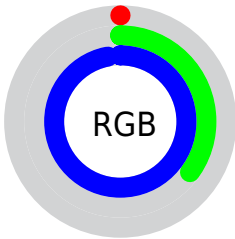
Format	Color
R _Y B	1, 66, 247
Decimal	88567
CIE Lab	44.04, 40.44, -83.90
CIE LCh	44, 93.135, 295.733
Yxy	13.8666, 0.1645, 0.1120
Android (android.graphics.Color)	4278278647 (0xFF0159F7)
YUV	80.7000, 81.9859, -69.8969
Hunter-Lab	37.2379, 32.4936, -116.5916

Details

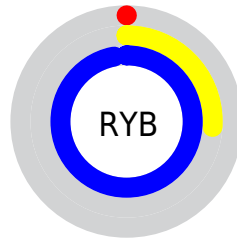
The Hex color **0159F7** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **F79F01**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **718AFF**, and **002DBD** is the 20% darker color. If you saturate the color by 10%, you get **0058F7**, and if you desaturate by 10%, it is **1A69F7**.

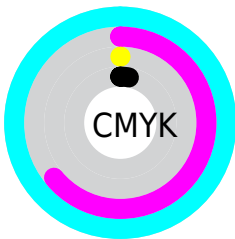
Distribution



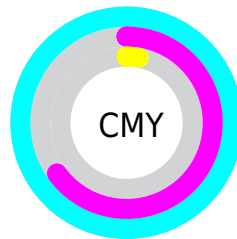
- Red (0%)
- Green (35%)
- Blue (97%)



- Red (0%)
- Yellow (26%)
- Blue (97%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (3%)





- Cyan (100%)
- Magenta (65%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0159F7 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 0159F7 by changing the saturation by 10% instead.

 0159F7

 0159F7

FFFFFF

 0042DA

 718AFF

 002DBD

 93A5FF

 001AA1

 B4C0FF

 000986

 D4DCFF

 00086C

 F4F8FF

 000B52

 00063A

 000224

 00000B

■ 0159F7

■ 0159F7

■ 0058F7

■ 1A69F7

■ 3279F7

■ 4B89F7

■ 6498F7

■ 7DA8F7

■ 95B8F7

■ AEC8F7

■ C7D8F7

■ DFE8F7

Harmonies

Analogous

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



0077FF



0159F7



B509C1

Triad

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



0159F7



C03700



00845A

Complementary

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



0159F7



F79F01

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.



008000



0159F7



896200

Square

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



0159F7



E2002C



3B7700



0086AA

Rectangle

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



0159F7



DA0090



3B7700



00833F

Sweetspot

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



0159F7



B3CEFF



01F79D



526280



000000



808080

Same Dimension

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



0159F7



005BFF



2201F7



6E737A



0043BA



00153B

Inverse Universe

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



F70159



FF005B



D6F701



7A6E73



BA0043



3B0015

Previews

White Background



This preview shows how the Hex color 0159F7 looks on a white background.

Color Contrast Check

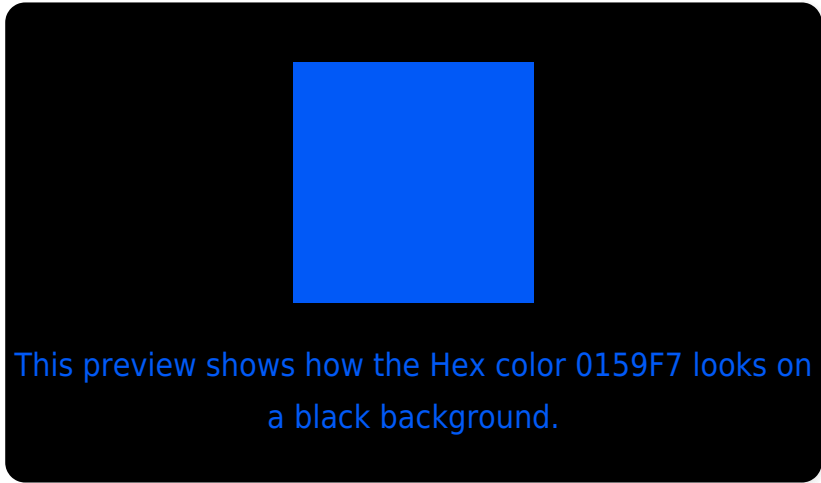
Large Text (above 18pt) WCAG AA ✓ Pass

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 0159F7 Background



This preview shows how black text looks on a background with the Hex color 0159F7.

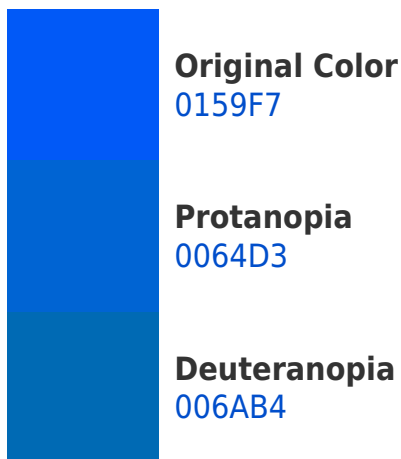


This preview shows how white text looks on a background with the Hex color 0159F7.

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



Trichromacy



Original Color
0159F7

Protanomaly
0060E0

Deuteranomaly
0064CC

Tritanomaly
006AA7

Monochromacy



Original Color
0159F7

Achromatopsia
515151

Achromatomaly
34548D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0159F7 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 #0159F7 looks like.

```
.text, #text, p{  
    color:#0159F7  
}
```

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 #0159F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0159F7
}
```

Border

The CSS property to change the border of an element to Hex 0159F7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

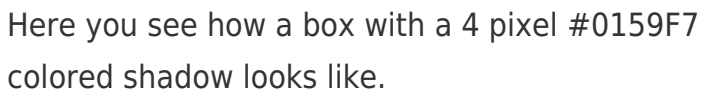
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0159F7 }
```

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

```
.border{ border-color:#0159F7 }
```

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



Here you see how a box with a 4 pixel #0159F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0159F7; -webkit-box-shadow:4px 4px  
4px 4px #0159F7; box-shadow:4px 4px 4px  
4px #0159F7 }
```

Background

The CSS property to change the background color of an element to Hex 0159F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0159F7 }
```

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

```
.background{ background-color:#0159F7 }
```

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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