

Converting Colors

Hex(0055F9)

Have a look what the booklet for
Hex(0055F9) contains.

Hex(0055F9)	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(0055F9)

Conversions

Conversions Part 1

Format	Color
Hex	0055F9
RGB	0, 85, 249
RGB Percent	0%, 33%, 98%
CMY	1.0000, 0.6667, 0.0235
CMYK	1.00, 0.66, 0.00, 0.02
HSL	220°, 100%, 49%
HSV	220°, 100%, 98%
XYZ	20.3474, 13.3366, 91.1243
YIQ	78.2810, -103.3040, 32.9840

Conversions

Conversions Part 2

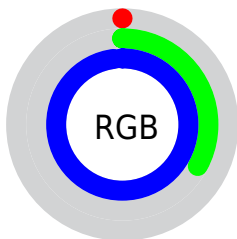
Format	Color
R _{YB}	0, 63, 249
Decimal	22009
CIE _{Lab}	43.27, 43.65, -86.29
CIE _{LCh}	43, 96.704, 296.832
Y _{xy}	13.3366, 0.1630, 0.1069
Android (android.graphics.Color)	4278212089 (0xFF0055F9)
Y _{UV}	78.2810, 84.1645, -68.6524
Hunter-Lab	36.5192, 35.5459, -122.3794

Details

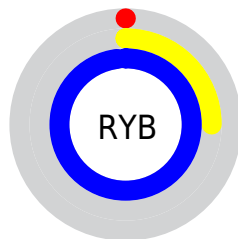
The Hex color **0055F9** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **F9A400**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7286FF**, and **0029BF** is the 20% darker color. If you saturate the color by 10%, you get **0055F9**, and if you desaturate by 10%, it is **1965F9**.

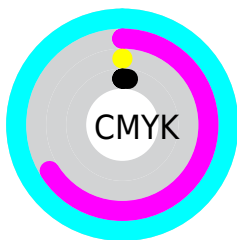
Distribution



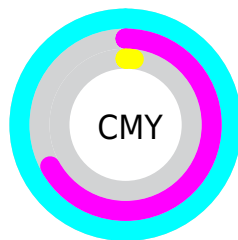
- Red (0%)
- Green (33%)
- Blue (98%)



- Red (0%)
- Yellow (25%)
- Blue (98%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (2%)




- Cyan (100%)
- Magenta (67%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0055F9 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 0055F9 by changing the saturation by 10% instead.

 0055F9

 0055F9

FFFFFF

 003EDC

 7286FF

 0029BF

 94A0FF

 0017A3

 B5BBFF

 000588

 D5D7FF

 00096D

 F5F4FF

 000B54

 00063C

 000225

 00010E

 0055F9

 1965F9

 3276F9

 4B86F9

 6497F9

 7DA7F9

 95B7F9

 AEC8F9

 C7D8F9

 E0E9F9

Harmonies

Analogous

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



0075FF



0055F9



B800C0

Triad

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



0055F9



BE3400



00835B

Complementary

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



0055F9



F9A400

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.



007F00



0055F9



846100

Square

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



0055F9



E30025



307600



0084AE

Rectangle

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



0055F9



DC008D



307600



00823E

Sweetspot

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



0055F9



B3CDFF



00F9A2



526180



000000



808080

Same Dimension

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



0055F9



0057FF



2500F9



70757D



0040BD



00153D

Inverse Universe

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



F90055



FF0057



D4F900



7D7075



BD0040



3D0015

Previews

White Background



This preview shows how the Hex color 0055F9 looks on a white background.

Color Contrast Check

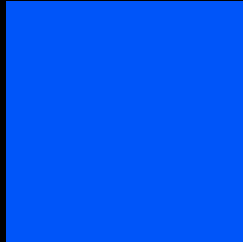
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0055F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

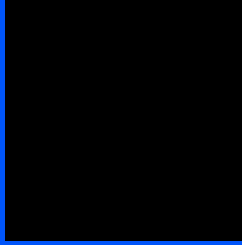
Any Text WCAG AA × Fail

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 0055F9 Background



This preview shows how black text looks on a background with the Hex color 0055F9.



This preview shows how white text looks on a background with the Hex color 0055F9.

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
0055F9

Protanomaly
005DDE

Deuteranomaly
0061CB

Tritanomaly
0067A6

Monochromacy



Original Color
0055F9

Achromatopsia
4E4E4E

Achromatomaly
32518C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0055F9 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 #0055F9 looks like.

```
.text, #text, p{  
    color:#0055F9  
}
```

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 #0055F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0055F9
}
```

Border

The CSS property to change the border of an element to Hex 0055F9 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
#0055F9 }
```

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

```
.border{ border-color:#0055F9 }
```

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

Here you see how a box with a 4 pixel #0055F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0055F9; -webkit-box-shadow:4px 4px  
4px 4px #0055F9; box-shadow:4px 4px 4px  
4px #0055F9 }
```

Background

The CSS property to change the background color of an element to Hex 0055F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0055F9 }
```

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

```
.background{ background-color:#0055F9 }
```

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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