

Converting Colors

Hex(0590F5)

Have a look what the booklet for
Hex(0590F5) contains.

Hex(0590F5)	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(0590F5)

Conversions

Conversions Part 1

Format	Color
Hex	0590F5
RGB	5, 144, 245
RGB Percent	2%, 56%, 96%
CMY	0.9804, 0.4353, 0.0392
CMYK	0.98, 0.41, 0.00, 0.04
HSL	205°, 96%, 49%
HSV	205°, 98%, 96%
XYZ	26.5173, 26.5714, 90.1174
YIQ	113.9530, -115.2650, 1.9430

Conversions

Conversions Part 2

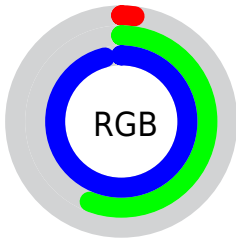
Format	Color
R _Y B	5, 93, 245
Decimal	364789
CIE Lab	58.58, 5.27, -59.20
CIE LCh	59, 59.434, 275.085
Yxy	26.5714, 0.1852, 0.1855
Android (android.graphics.Color)	4278554869 (0xFF0590F5)
YUV	113.9530, 64.6062, -95.5518
Hunter-Lab	51.5474, 1.6169, -67.5701

Details

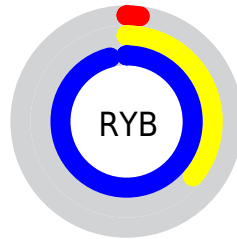
The Hex color **0590F5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **F56A05**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6EC5FF**, and **005FBC** is the 20% darker color. If you saturate the color by 10%, you get **008EF5**, and if you desaturate by 10%, it is **1E9AF5**.

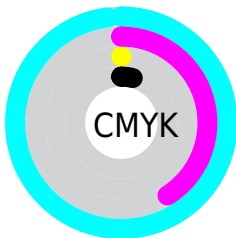
Distribution



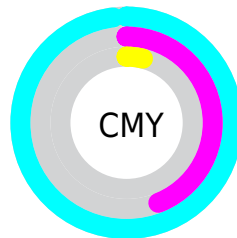
- Red (2%)
- Green (56%)
- Blue (96%)



- Red (2%)
- Yellow (36%)
- Blue (96%)



- Cyan (98%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (98%)
- Magenta (44%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0590F5 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 0590F5 by changing the saturation by 10% instead.

 0590F5

 0590F5


FFFFFF

 0077D8

 6EC5FF

 005FBC

 90E1FF

 0048A1

 B0FEFF

 003286

 D0FFFF

 001F6C

 EFFFFFF

 000B53

 00063B

 000224

 00000C

■ 0590F5

■ 0590F5

■ 008EF5

■ 1E9AF5

■ 36A5F5

■ 4FAFF5

■ 67B9F5

■ 80C4F5

■ 98CEF5

■ B1D8F5

■ C9E2F5

■ E2EDF5

Harmonies

Analogous

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



009EEB



0590F5



9A7BE3

Triad

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



0590F5



E56554



00A25F

Complementary

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



0590F5



F56A05

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.



699B30



0590F5



CA7A2A

Square

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



0590F5



EA5A86



9F8D14



00A695

Rectangle

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



0590F5



C46CC9



9F8D14



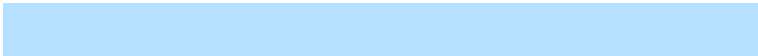
34A04E

Sweetspot

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



0590F5



B5E0FF



05F569



536D80



000000



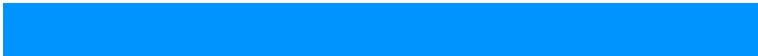
808080

Same Dimension

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



0590F5



0094FF



0519F5



6E757A



006CBA



00223B

Inverse Universe

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



F50590



FF0094



F5E105



7A6E75



BA006C



3B0022

Previews

White Background



This preview shows how the Hex color 0590F5 looks on a white background.

Color Contrast Check

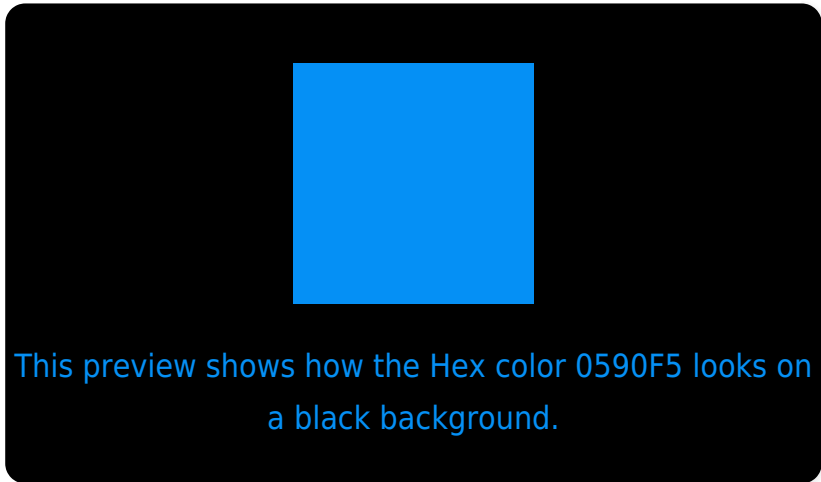
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

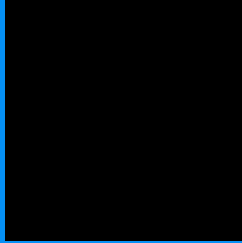
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

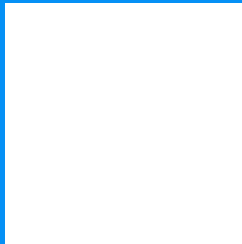
Any Text WCAG AAA × Fail

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

Hex 0590F5 Background



This preview shows how black text looks on a background with the Hex color 0590F5.



This preview shows how white text looks on a background with the Hex color 0590F5.

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](#).

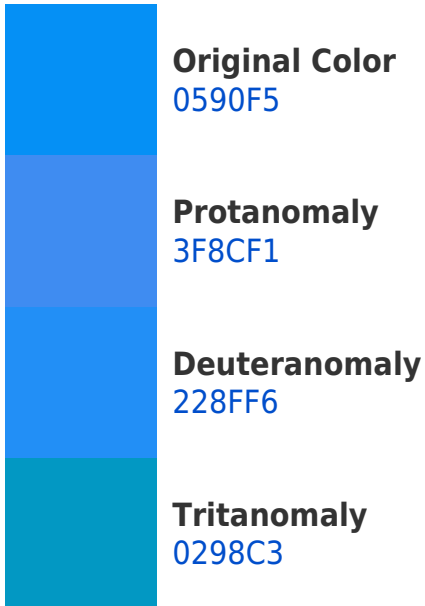
Dichromacy





Tritanopia
009CA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0590F5 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 #0590F5 looks like.

```
.text, #text, p{  
    color:#0590F5  
}
```

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 #0590F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0590F5
}
```

Border

The CSS property to change the border of an element to Hex 0590F5 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
#0590F5 }
```

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

```
.border{ border-color:#0590F5 }
```

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

Here you see how a box with a 4 pixel #0590F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0590F5; -webkit-box-shadow:4px 4px  
4px 4px #0590F5; box-shadow:4px 4px 4px  
4px #0590F5 }
```

Background

The CSS property to change the background color of an element to Hex 0590F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0590F5 }
```

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

```
.background{ background-color:#0590F5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor