

Converting Colors

Hex(0581F1)

Have a look what the booklet for
Hex(0581F1) contains.

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Color

Hex(0581F1)

Conversions

Conversions Part 1

Format	Color
Hex	0581F1
RGB	5, 129, 241
RGB Percent	2%, 51%, 95%
CMY	0.9804, 0.4941, 0.0549
CMYK	0.98, 0.46, 0.00, 0.05
HSL	208°, 96%, 48%
HSV	208°, 98%, 95%
XYZ	23.7900, 22.0837, 86.2278
YIQ	104.6920, -109.8560, 8.5440

Conversions

Conversions Part 2

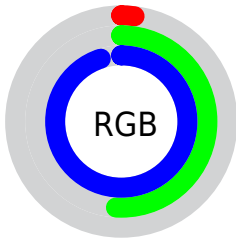
Format	Color
R _Y B	5, 86, 241
Decimal	360945
CIE Lab	54.12, 12.88, -64.15
CIE LCh	54, 65.429, 281.355
Yxy	22.0837, 0.1801, 0.1672
Android (android.graphics.Color)	4278551025 (0xFF0581F1)
YUV	104.6920, 67.1998, -87.4299
Hunter-Lab	46.9932, 8.1263, -75.8958

Details

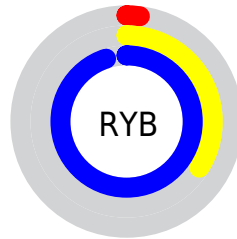
The Hex color **0581F1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F17505**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6DB5FF**, and **0051B8** is the 20% darker color. If you saturate the color by 10%, you get **007FF1**, and if you desaturate by 10%, it is **1D8CF1**.

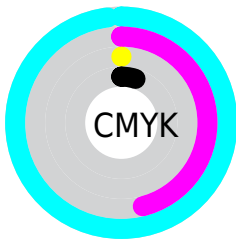
Distribution



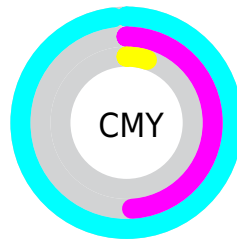
- Red (2%)
- Green (51%)
- Blue (95%)



- Red (2%)
- Yellow (34%)
- Blue (95%)



- Cyan (98%)
- Magenta (46%)
- Yellow (0%)
- Black (5%)



- Cyan (98%)
- Magenta (49%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0581F1 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 0581F1 by changing the saturation by 10% instead.

 0581F1

 0581F1

FFFFFF

 0068D4

 6DB5FF

 0051B8

 8FD1FF

 003B9D

 AFEDFF

 002782

 CEFFFF

 001468

 EEEFFF

 000A4F

 000537

 000221

 000006

■ 0581F1

■ 0581F1

■ 007FF1

■ 1D8CF1

■ 3598F1

■ 4DA3F1

■ 65AFF1

■ 7EBAF1

■ 96C6F1

■ AED1F1

■ C6DCF1

■ DEE8F1

Harmonies

Analogous

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



0091ED



0581F1



9E68D7

Triad

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



0581F1



D95839



00995B

Complementary

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



0581F1



F17505

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.



479221



0581F1



B87200

Square

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



0581F1



E5456E



888600



009B96

Rectangle

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



0581F1



C655B9



888600



009748

Sweetspot

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



0581F1



B5DCFF



05F173



536A80



000000



808080

Same Dimension

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



0581F1



0086FF



050DF1



6C7278



0060B8



001D38

Inverse Universe

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



F10581



FF0086



F1E905



786C72



B80060



38001D

Previews

White Background



This preview shows how the Hex color 0581F1 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

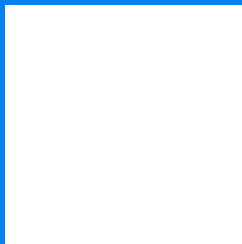
Any Text WCAG AAA × Fail

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

Hex 0581F1 Background



This preview shows how black text looks on a background with the Hex color 0581F1.



This preview shows how white text looks on a background with the Hex color 0581F1.

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](#).

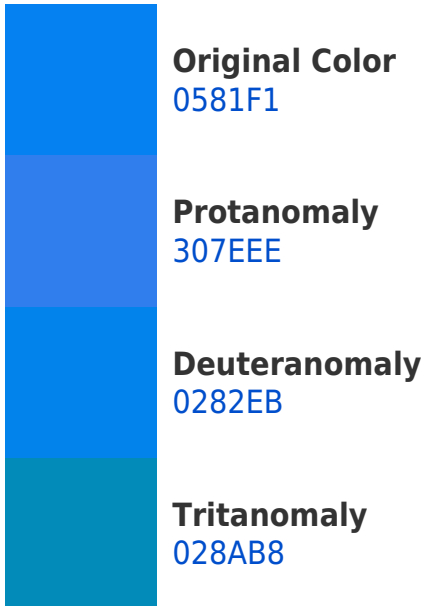
Dichromacy



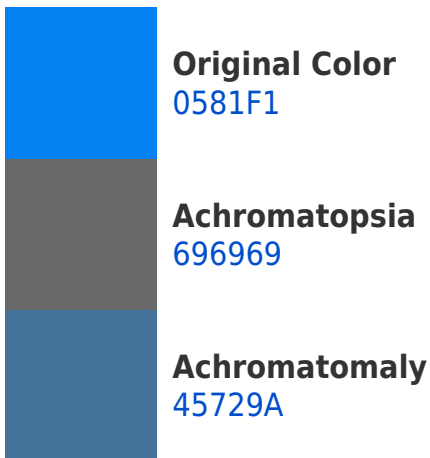


Tritanopia
008F98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0581F1 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 #0581F1 looks like.

```
.text, #text, p{  
    color:#0581F1  
}
```

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 #0581F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0581F1
}
```

Border

The CSS property to change the border of an element to Hex 0581F1 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
#0581F1 }
```

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

```
.border{ border-color:#0581F1 }
```

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

Here you see how a box with a 4 pixel #0581F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0581F1; -webkit-box-shadow:4px 4px  
4px 4px #0581F1; box-shadow:4px 4px 4px  
4px #0581F1 }
```

Background

The CSS property to change the background color of an element to Hex 0581F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0581F1 }
```

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

```
.background{ background-color:#0581F1 }
```

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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