

Converting Colors

Hex(1F5AF5)

Have a look what the booklet for
Hex(1F5AF5) contains.

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Color

Hex(1F5AF5)

Conversions

Conversions Part 1

Format	Color
Hex	1F5AF5
RGB	31, 90, 245
RGB Percent	12%, 35%, 96%
CMY	0.8784, 0.6471, 0.0392
CMYK	0.87, 0.63, 0.00, 0.04
HSL	223°, 91%, 54%
HSV	223°, 87%, 96%
XYZ	20.7027, 14.1962, 88.0352
YIQ	90.0290, -84.9190, 35.6970

Conversions

Conversions Part 2

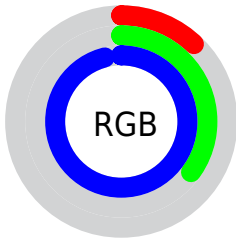
Format	Color
R _Y B	31, 77, 245
Decimal	2054901
CIE Lab	44.51, 40.01, -81.99
CIE LCh	45, 91.228, 296.010
Yxy	14.1962, 0.1684, 0.1155
Android (android.graphics.Color)	4280244981 (0xFF1F5AF5)
YUV	90.0290, 76.4007, -51.7684
Hunter-Lab	37.6779, 32.1433, -112.1580

Details

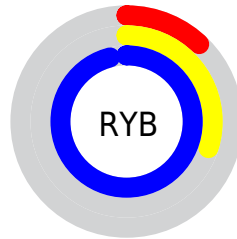
The Hex color **1F5AF5** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **F5BA1F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **778CFF**, and **002EBB** is the 20% darker color. If you saturate the color by 10%, you get **0648F5**, and if you desaturate by 10%, it is **376CF5**.

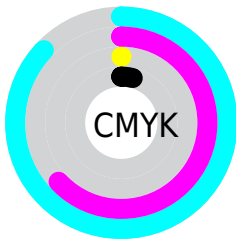
Distribution



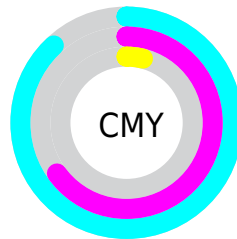
- Red (12%)
- Green (35%)
- Blue (96%)



- Red (12%)
- Yellow (30%)
- Blue (96%)



- Cyan (87%)
- Magenta (63%)
- Yellow (0%)
- Black (4%)



- Cyan (88%)
- Magenta (65%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F5AF5 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 1F5AF5 by changing the saturation by 10% instead.

 1F5AF5

 1F5AF5

FFFFFF

 0043D8

 778CFF

 002EBB

 98A6FF

 001BA0

 B9C1FF

 000A84

 D8DDFF

 00066A

 F8F9FF

 000B51

 000539

 000222

 000009

■ 1F5AF5

■ 1F5AF5

■ 0648F5

■ 376CF5

■ 0044F5

■ 507DF5

■ 688FF5

■ 81A1F5

■ 9AB3F5

■ B2C4F5

■ CBD6F5

■ E3E8F5

■ FBFAF5

Harmonies

Analogous

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



0078FF



1F5AF5



B614C0

Triad

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



1F5AF5



C03A00



00855D

Complementary

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



1F5AF5



F5BA1F

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.



008100



1F5AF5



896300

Square

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



1F5AF5



E1002D



3D7800



0087AB

Rectangle

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



1F5AF5



D90090



3D7800



008441

Sweetspot

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



1F5AF5



BDCFFF



1FF5B8



586380



000000



808080

Same Dimension

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



1F5AF5



0046FF



4D1FF5



6E727A



0033BA



00103B

Inverse Universe

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



F51F5A



FF0046



C7F51F



7A6E72



BA0033



3B0010

Previews

White Background



This preview shows how the Hex color 1F5AF5 looks on a white background.

Color Contrast Check

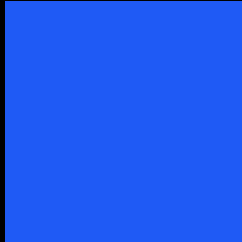
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F5AF5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

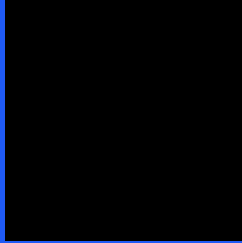
Any Text WCAG AA × Fail

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 1F5AF5 Background



This preview shows how black text looks on a background with the Hex color 1F5AF5.

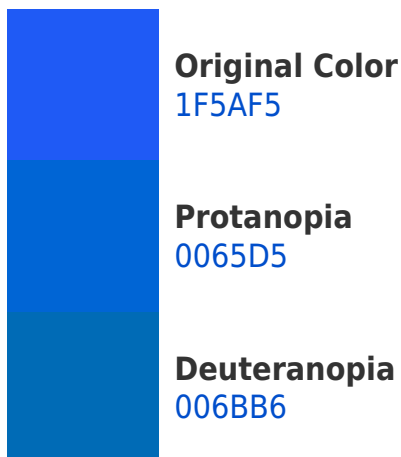


This preview shows how white text looks on a background with the Hex color 1F5AF5.

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](#).

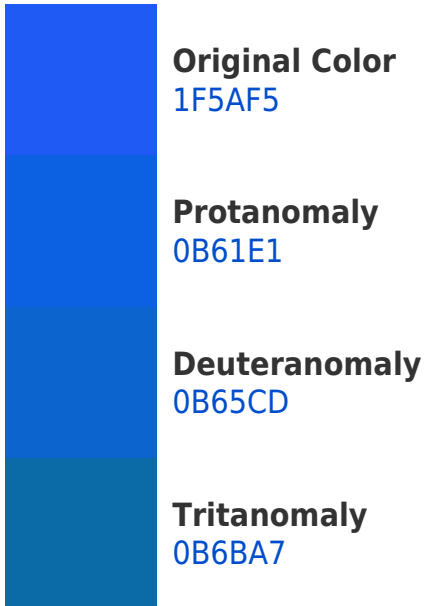
Dichromacy



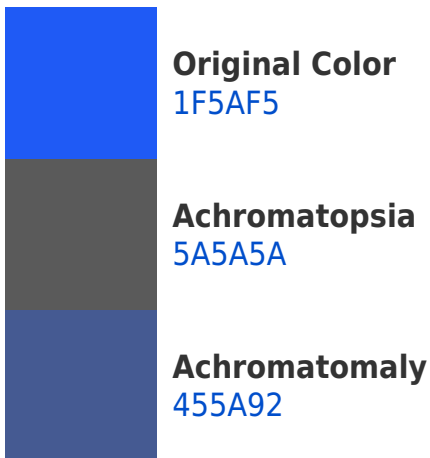


Tritanopia
00747B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F5AF5 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 #1F5AF5 looks like.

```
.text, #text, p{  
    color:#1F5AF5  
}
```

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 #1F5AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5AF5
}
```

Border

The CSS property to change the border of an element to Hex 1F5AF5 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
#1F5AF5 }
```

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

```
.border{ border-color:#1F5AF5 }
```

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

Here you see how a box with a 4 pixel #1F5AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5AF5; -webkit-box-shadow:4px 4px  
4px 4px #1F5AF5; box-shadow:4px 4px 4px  
4px #1F5AF5 }
```

Background

The CSS property to change the background color of an element to Hex 1F5AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5AF5 }
```

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

```
.background{ background-color:#1F5AF5 }
```

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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