

# Converting Colors

Hex(1F5BF4)

Have a look what the booklet for  
Hex(1F5BF4) contains.

<b>Hex(1F5BF4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(1F5BF4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F5BF4
RGB	31, 91, 244
RGB Percent	12%, 36%, 96%
CMY	0.8784, 0.6431, 0.0431
CMYK	0.87, 0.63, 0.00, 0.04
HSL	223°, 91%, 54%
HSV	223°, 87%, 96%
XYZ	20.6353, 14.3051, 87.2615
YIQ	90.5020, -84.8730, 34.8630

# Conversions

## Conversions Part 2

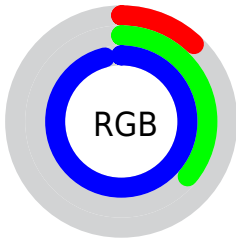
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 78, 244
Decimal	2055156
CIE <sub>Lab</sub>	44.67, 39.01, -81.17
CIE <sub>LCh</sub>	45, 90.063, 295.670
Yxy	14.3051, 0.1689, 0.1171
Android (android.graphics.Color)	4280245236 (0xFF1F5BF4)
YUV	90.5020, 75.6745, -52.1833
Hunter-Lab	37.8221, 31.1987, -110.3158

# Details

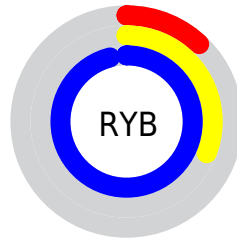
The Hex color **1F5BF4** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **F4B81F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **778DFF**, and **002FBA** is the 20% darker color. If you saturate the color by 10%, you get **0749F4**, and if you desaturate by 10%, it is **376DF4**.

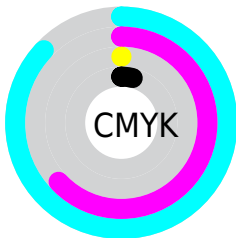
# Distribution



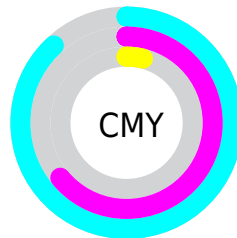
- Red (12%)
- Green (36%)
- Blue (96%)



- Red (12%)
- Yellow (31%)
- Blue (96%)



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



- Cyan (88%)
- Magenta (64%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F5BF4 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 1F5BF4 by changing the saturation by 10% instead.



 1F5BF4

FFFFFF

 778DFF

 98A7FF

 B8C2FF

 D8DEFF

 F8FAFF

 1F5BF4

 0044D7

 002FBA

 001C9F

 000B84

 000669

 000A50

 000538

 000222

 000007

■ 1F5BF4

■ 1F5BF4

■ 0749F4

■ 376DF4

■ 0045F4

■ 507EF4

■ 6890F4

■ 81A1F4

■ 99B3F4

■ B1C4F4

■ CAD6F4

■ E2E7F4

■ FBF9F4

# Harmonies

## Analogous

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



0078FF



1F5BF4



B41AC0

# Triad

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



1F5BF4



C03B00



00855C

# Complementary

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



1F5BF4



F4B81F

# 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



1F5BF4



8A6300

# Square

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



1F5BF4



E1002F



407800



0087AA

# Rectangle

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



1F5BF4



D80091



407800



008441



# Sweetspot

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



1F5BF4



BDCFFF



1FF4B8



586380



000000



808080



# Same Dimension

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



1F5BF4



0048FF



4D1FF4



6E727A



0034BA



00113B



# Inverse Universe

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



F41F5B



FF0048



C6F41F



7A6E72



BA0034



3B0011



# Previews

## White Background



This preview shows how the Hex color 1F5BF4 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 1F5BF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

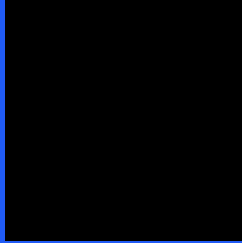
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F5BF4 Background



This preview shows how black text looks on a background with the Hex color 1F5BF4.

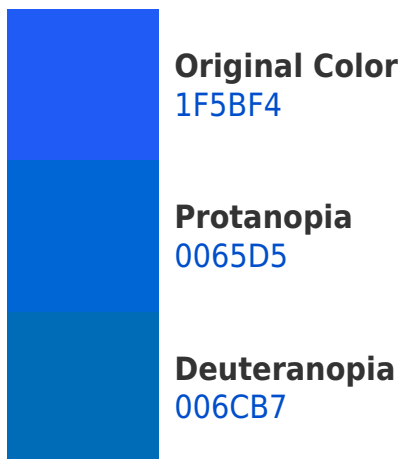


This preview shows how white text looks on a background with the Hex color 1F5BF4.

# 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



**Original Color**  
1F5BF4

**Protanomaly**  
0B61E0

**Deuteranomaly**  
0B66CD

**Tritanomaly**  
0B6BA7

# Monochromacy



**Original Color**  
1F5BF4

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
455B93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F5BF4 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 #1F5BF4 looks like.

```
.text, #text, p{  
    color:#1F5BF4  
}
```

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 #1F5BF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5BF4
}
```

## Border

The CSS property to change the border of an element to Hex 1F5BF4 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
#1F5BF4 }
```

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

```
.border{ border-color:#1F5BF4 }
```

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

Here you see how a box with a 4 pixel #1F5BF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5BF4; -webkit-box-shadow:4px 4px  
4px 4px #1F5BF4; box-shadow:4px 4px 4px  
4px #1F5BF4 }
```

# Background

The CSS property to change the background color of an element to Hex 1F5BF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5BF4 }
```

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

```
.background{ background-color:#1F5BF4 }
```

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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