

Converting Colors

Hex(1F7EFB)

Have a look what the booklet for
Hex(1F7EFB) contains.

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Color

Hex(1F7EFB)

Conversions

Conversions Part 1

Format	Color
Hex	1F7EFB
RGB	31, 126, 251
RGB Percent	12%, 49%, 98%
CMY	0.8784, 0.5059, 0.0157
CMYK	0.88, 0.50, 0.00, 0.02
HSL	214°, 96%, 55%
HSV	214°, 88%, 98%
XYZ	25.4385, 22.1780, 94.2068
YIQ	111.8450, -96.7450, 18.7350

Conversions

Conversions Part 2

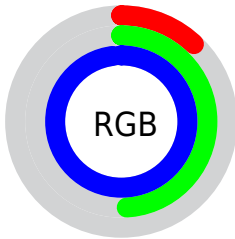
Format	Color
R_{YB}	31, 97, 251
Decimal	2064123
CIE _{Lab}	54.22, 19.57, -69.52
CIE _{LCh}	54, 72.218, 285.722
Yxy	22.1780, 0.1794, 0.1564
Android (android.graphics.Color)	4280254203 (0xFF1F7EFB)
YUV	111.8450, 68.6034, -70.9011
Hunter-Lab	47.0936, 14.0065, -85.6393

Details

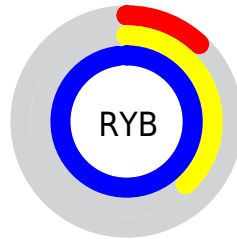
The Hex color **1F7EFB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **FB9C1F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **76B2FF**, and **004EC1** is the 20% darker color. If you saturate the color by 10%, you get **0670FB**, and if you desaturate by 10%, it is **388CFB**.

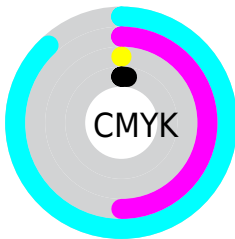
Distribution



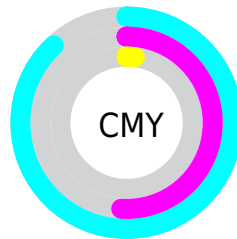
- Red (12%)
- Green (49%)
- Blue (98%)



- Red (12%)
- Yellow (38%)
- Blue (98%)



- Cyan (88%)
- Magenta (50%)
- Yellow (0%)
- Black (2%)



- Cyan (88%)
- Magenta (51%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F7EFB 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 1F7EFB by changing the saturation by 10% instead.

 1F7EFB

 1F7EFB

FFFFFF

 0066DE

 76B2FF

 004EC1

 98CDFF

 0039A6

 B8E9FF

 00258B

 D7FFFF

 001270

 F7FFFF

 000C57

 00063F

 000328

 000111

■ 1F7EFB

■ 1F7EFB

■ 0670FB

■ 388CFB

■ 006CFB

■ 519BFB

■ 6AA9FB

■ 83B7FB

■ 9DC5FB

■ B6D4FB

■ CFE2FB

■ E8F0FB

■ FFFEFB

Harmonies

Analogous

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



0091FB



1F7EFB



AC60DA

Triad

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



1F7EFB



DD5628



009B61

Complementary

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



1F7EFB



FB9C1F

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.



2B951D



1F7EFB



B57400

Square

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



1F7EFB



EE3A64



7E8900



009DA2

Rectangle

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



1F7EFB



D449B6



7E8900



009A4B

Sweetspot

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



1F7EFB



BDD9FF



1FFB9C



586980



000000



808080

Same Dimension

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



1F7EFB



006EFF



2E1FFB



70767D



0051BD



001A3D

Inverse Universe

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



FB1F7E



FF006E



ECFB1F



7D7076



BD0051



3D001A

Previews

White Background



This preview shows how the Hex color 1F7EFB looks on a white background.

Color Contrast Check

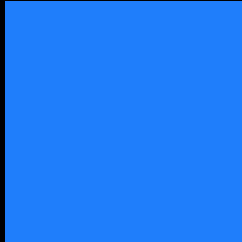
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1F7EFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

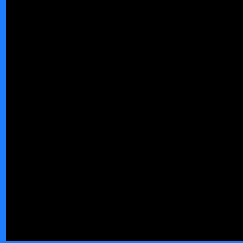
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

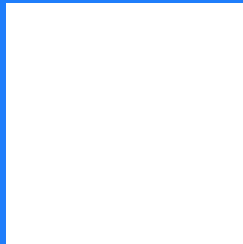
Any Text WCAG AAA × Fail

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

Hex 1F7EFB Background



This preview shows how black text looks on a background with the Hex color 1F7EFB.



This preview shows how white text looks on a background with the Hex color 1F7EFB.

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](#).

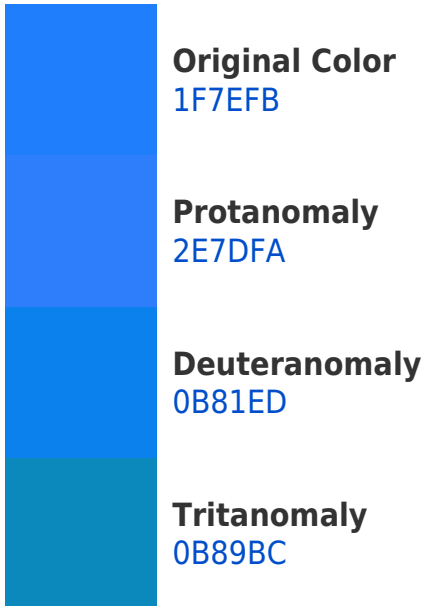
Dichromacy



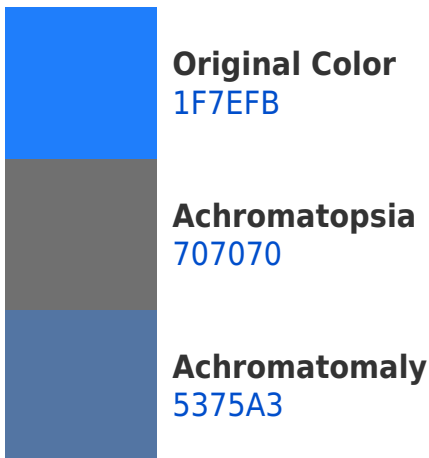


Tritanopia
008F98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F7EFB 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 #1F7EFB looks like.

```
.text, #text, p{  
    color:#1F7EFB  
}
```

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 #1F7EFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7EFB
}
```

Border

The CSS property to change the border of an element to Hex 1F7EFB 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
#1F7EFB }
```

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

```
.border{ border-color:#1F7EFB }
```

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

Here you see how a box with a 4 pixel #1F7EFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7EFB; -webkit-box-shadow:4px 4px  
4px 4px #1F7EFB; box-shadow:4px 4px 4px  
4px #1F7EFB }
```

Background

The CSS property to change the background color of an element to Hex 1F7EFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7EFB }
```

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

```
.background{ background-color:#1F7EFB }
```

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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