

Converting Colors

Hex(1C80F2)

Have a look what the booklet for
Hex(1C80F2) contains.

Hex(1C80F2)	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(1C80F2)

Conversions

Conversions Part 1

Format	Color
Hex	1C80F2
RGB	28, 128, 242
RGB Percent	11%, 50%, 95%
CMY	0.8902, 0.4980, 0.0510
CMYK	0.88, 0.47, 0.00, 0.05
HSL	212°, 89%, 53%
HSV	212°, 88%, 95%
XYZ	24.2251, 22.0960, 86.9926
YIQ	111.0960, -96.1940, 14.2540

Conversions

Conversions Part 2

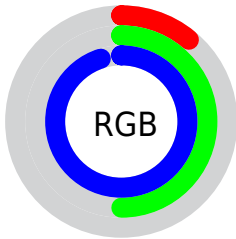
Format	Color
R_{YB}	28, 96, 242
Decimal	1868018
CIE Lab	54.13, 14.74, -64.67
CIE LCh	54, 66.328, 282.836
Yxy	22.0960, 0.1817, 0.1657
Android (android.graphics.Color)	4280058098 (0xFF1C80F2)
YUV	111.0960, 64.5357, -72.8752
Hunter-Lab	47.0064, 9.7300, -76.8207

Details

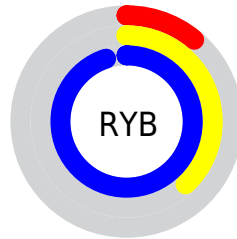
The Hex color **1C80F2** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **F28E1C**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **73B4FF**, and **0050B9** is the 20% darker color. If you saturate the color by 10%, you get **0473F2**, and if you desaturate by 10%, it is **348DF2**.

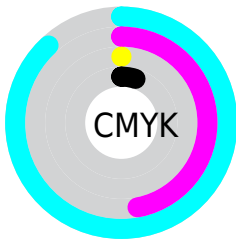
Distribution



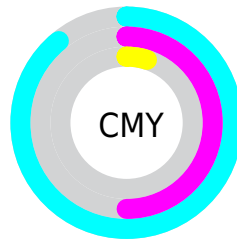
- Red (11%)
- Green (50%)
- Blue (95%)



- Red (11%)
- Yellow (38%)
- Blue (95%)



- Cyan (88%)
- Magenta (47%)
- Yellow (0%)
- Black (5%)



- Cyan (89%)
- Magenta (50%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C80F2 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 1C80F2 by changing the saturation by 10% instead.

 1C80F2

 1C80F2

FFFFFF

 0067D5

 73B4FF

 0050B9

 94CFFF

 003A9D

 B4EBFF

 002683

 D3FFFF

 001369

 F2FFFF

 000A50

 000538

 000221

 000007

■ 1C80F2

■ 1C80F2

■ 0473F2

■ 348DF2

■ 0071F2

■ 4C9AF2

■ 65A7F2

■ 7DB4F2

■ 95C0F2

■ ADCDF2

■ C5DAF2

■ DEE7F2

■ F6F4F2

Harmonies

Analogous

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



0091EF



1C80F2



A266D6

Triad

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



1C80F2



D95835



00995D

Complementary

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



1C80F2



F28E1C

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.



429323



1C80F2



B67300

Square

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



1C80F2



E7446B



858600



009B99

Rectangle

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



1C80F2



CA53B7



858600



00984A

Sweetspot

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



1C80F2



BADAFF



1CF28B



576A80



000000



808080

Same Dimension

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



1C80F2



0077FF



201CF2



6C7178



0056B8



001A38

Inverse Universe

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



F21C80



FF0077



EEF21C



786C71



B80056



38001A

Previews

White Background



This preview shows how the Hex color 1C80F2 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 1C80F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

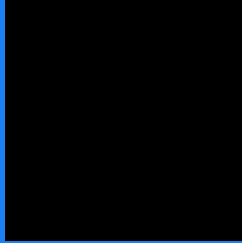
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

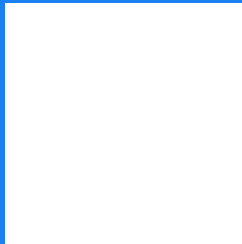
Any Text WCAG AAA × Fail

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

Hex 1C80F2 Background



This preview shows how black text looks on a background with the Hex color 1C80F2.



This preview shows how white text looks on a background with the Hex color 1C80F2.

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



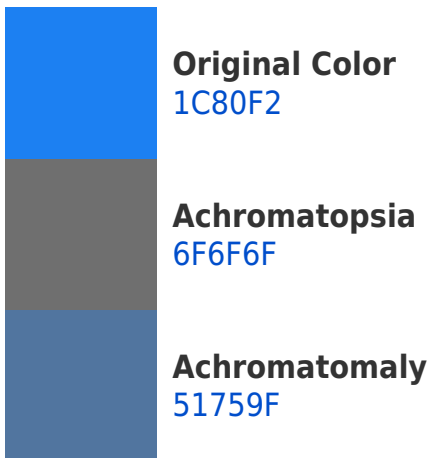


Tritanopia
008F98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1C80F2 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 #1C80F2 looks like.

```
.text, #text, p{  
    color:#1C80F2  
}
```

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 #1C80F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C80F2  
}
```

Border

The CSS property to change the border of an element to Hex 1C80F2 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  
#1C80F2 }
```

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

```
.border{ border-color:#1C80F2 }
```

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

Here you see how a box with a 4 pixel #1C80F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C80F2; -webkit-box-shadow:4px 4px  
4px 4px #1C80F2; box-shadow:4px 4px 4px  
4px #1C80F2 }
```

Background

The CSS property to change the background color of an element to Hex 1C80F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C80F2 }
```

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

```
.background{ background-color:#1C80F2 }
```

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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