

Converting Colors

Hex(1887F0)

Have a look what the booklet for
Hex(1887F0) contains.

Hex(1887F0)	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(1887F0)

Conversions

Conversions Part 1

Format	Color
Hex	1887F0
RGB	24, 135, 240
RGB Percent	9%, 53%, 94%
CMY	0.9059, 0.4706, 0.0588
CMYK	0.90, 0.44, 0.00, 0.06
HSL	209°, 88%, 52%
HSV	209°, 90%, 94%
XYZ	24.7688, 23.8134, 85.7291
YIQ	113.7810, -99.8610, 9.1230

Conversions

Conversions Part 2

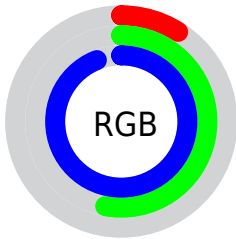
Format	Color
R_{YB}	24, 97, 240
Decimal	1607664
CIE _{Lab}	55.90, 9.45, -60.71
CIE _{LCh}	56, 61.445, 278.850
Yxy	23.8134, 0.1844, 0.1773
Android (android.graphics.Color)	4279797744 (0xFF1887F0)
YUV	113.7810, 62.2260, -78.7379
Hunter-Lab	48.7990, 5.2028, -70.0002

Details

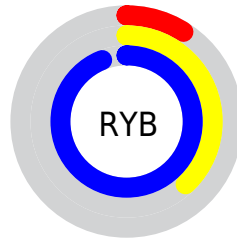
The Hex color **1887F0** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F08118**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **71BCFF**, and **0056B7** is the 20% darker color. If you saturate the color by 10%, you get **007BF0**, and if you desaturate by 10%, it is **3093F0**.

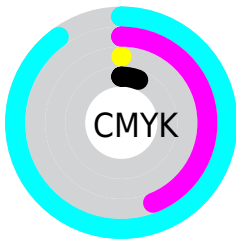
Distribution



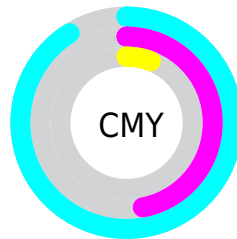
- Red (9%)
- Green (53%)
- Blue (94%)



- Red (9%)
- Yellow (38%)
- Blue (94%)



- Cyan (90%)
- Magenta (44%)
- Yellow (0%)
- Black (6%)



- Cyan (91%)
- Magenta (47%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1887F0 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 1887F0 by changing the saturation by 10% instead.

 1887F0

 1887F0

FFFFFF

 006ED3

 71BCFF

 0056B7

 92D7FF

 00409C

 B2F3FF

 002B81

 D1FFFF

 001867

 F0FFFF

 000A4E

 000537

 000220

 000005

■ 1887F0

■ 1887F0

■ 007BF0

■ 3093F0

■ 489EF0

■ 60AAF0

■ 78B6F0

■ 90C1F0

■ A8CDF0

■ C0D9F0

■ D8E4F0

■ F0F0F0

Harmonies

Analogous

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



0096E9



1887F0



9C71DA

Triad

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



1887F0



DD5E46



009C5D

Complementary

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



1887F0



F08118

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.



58952A



1887F0



BE7519

Square

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



1887F0



E55078



918900



009F95

Rectangle

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



1887F0



C460BE



918900



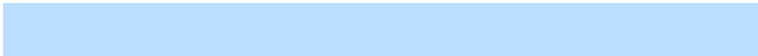
029B4C

Sweetspot

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



1887F0



BADEFF



18F080



576C80



000000



808080

Same Dimension

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



1887F0



0083FF



181CF0



6C7278



005EB8



001D38

Inverse Universe

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



F01887



FF0083



F0EC18



786C72



B8005E



38001D

Previews

White Background



This preview shows how the Hex color 1887F0 looks on a white background.

Color Contrast Check

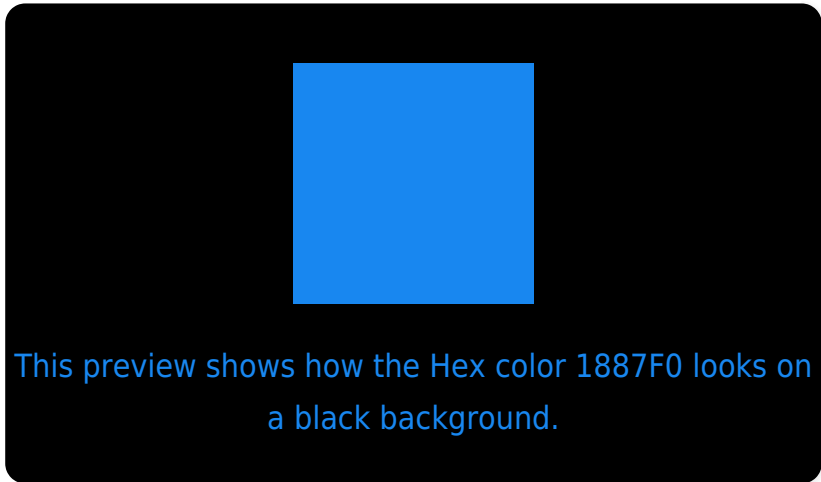
Large Text (above 18pt) WCAG AA ✓ Pass

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

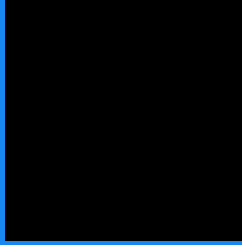
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

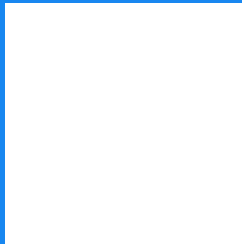
Any Text WCAG AAA × Fail

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

Hex 1887F0 Background



This preview shows how black text looks on a background with the Hex color 1887F0.

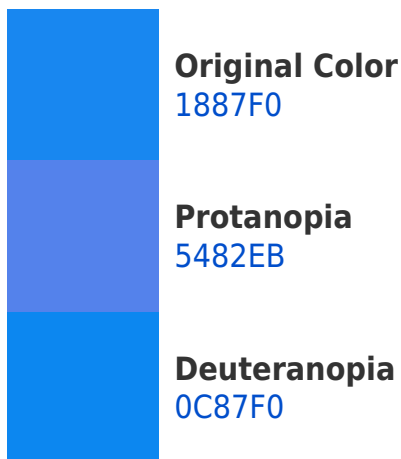


This preview shows how white text looks on a background with the Hex color 1887F0.

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](#).

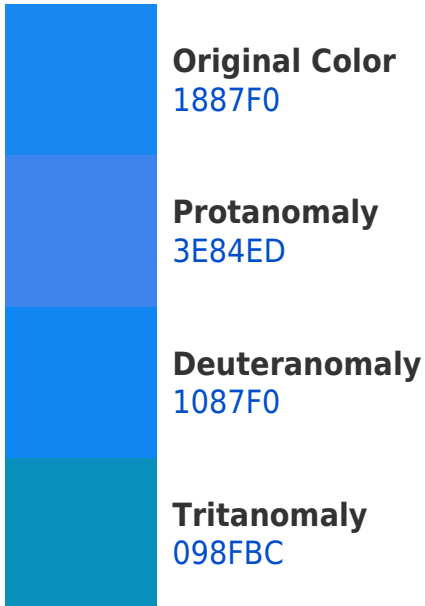
Dichromacy



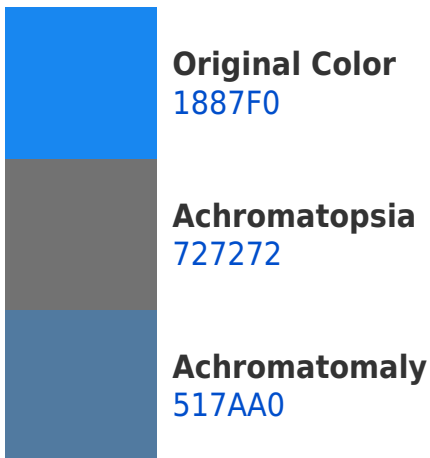


Tritanopia
00949E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1887F0 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 #1887F0 looks like.

```
.text, #text, p{  
    color:#1887F0  
}
```

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 #1887F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1887F0
}
```

Border

The CSS property to change the border of an element to Hex 1887F0 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
#1887F0 }
```

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

```
.border{ border-color:#1887F0 }
```

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

Here you see how a box with a 4 pixel #1887F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1887F0; -webkit-box-shadow:4px 4px  
4px 4px #1887F0; box-shadow:4px 4px 4px  
4px #1887F0 }
```

Background

The CSS property to change the background color of an element to Hex 1887F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1887F0 }
```

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

```
.background{ background-color:#1887F0 }
```

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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