

# Converting Colors

Hex(1827F0)

Have a look what the booklet for  
Hex(1827F0) contains.

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# Color

**Hex(1827F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1827F0
RGB	24, 39, 240
RGB Percent	9%, 15%, 94%
CMY	0.9059, 0.8471, 0.0588
CMYK	0.90, 0.84, 0.00, 0.06
HSL	236°, 88%, 52%
HSV	236°, 90%, 94%
XYZ	16.8304, 7.9365, 83.0829
YIQ	57.4290, -73.4610, 59.3310

# Conversions

## Conversions Part 2

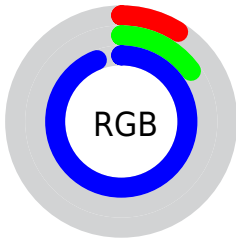
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	24, 38, 240
Decimal	1583088
CIE Lab	33.85, 65.90, -96.81
CIE LCh	34, 117.112, 304.244
Yxy	7.9365, 0.1561, 0.0736
Android (android.graphics.Color)	4279773168 (0xFF1827F0)
YUV	57.4290, 90.0075, -29.3172
Hunter-Lab	28.1718, 57.3388, -155.1350

# Details

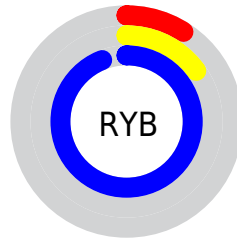
The Hex color **1827F0** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F0E118**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **785AFF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **0011F0**, and if you desaturate by 10%, it is **303DF0**.

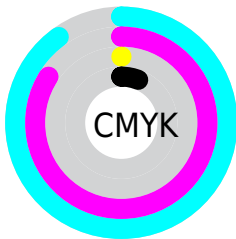
# Distribution



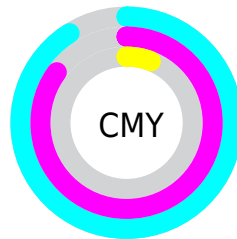
- Red (9%)
- Green (15%)
- Blue (94%)



- Red (9%)
- Yellow (15%)
- Blue (94%)



- Cyan (90%)
- Magenta (84%)
- Yellow (0%)
- Black (6%)



- Cyan (91%)
- Magenta (85%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1827F0 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 1827F0 by changing the saturation by 10% instead.



■ 1827F0

■ 1827F0

FFFFFF

■ 0009D3

■ 785AFF

■ 0000B6

■ 9A75FF

■ 00009A

■ BB8FFF

■ 00007F

■ DBABFF

■ 001065

■ FCC7FF

■ 00094C

■ FFE3FF

■ 000434

■ 00021E

■ 000000

■ 1827F0

■ 1827F0

■ 0011F0

■ 303DF0

■ 4854F0

■ 606AF0

■ 7880F0

■ 9097F0

■ A8ADF0

■ C0C3F0

■ D8DAF0

■ F0F0F0

# Harmonies

## Analogous

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



005FFF



1827F0



BE00A3

# Triad

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



1827F0



9E1A00



006B5C

# Complementary

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



1827F0



F0E118

# 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.



006800



1827F0



565200

# Square

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



1827F0



CF0000



006300



006EBA

# Rectangle

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



1827F0



DB0066



006300



006A3A



# Sweetspot

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



1827F0



BABFFF



18F0DE



575A80



000000



808080



# Same Dimension

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



1827F0



0012FF



7218F0



6C6D78



000DB8



000438



# Inverse Universe

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



F01827



FF0012



96F018



786C6D



B8000D

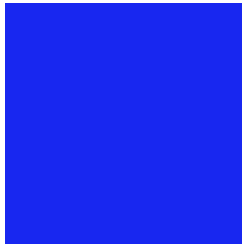


380004



# Previews

## White Background



This preview shows how the Hex color 1827F0 looks on a white background.

## Color Contrast Check

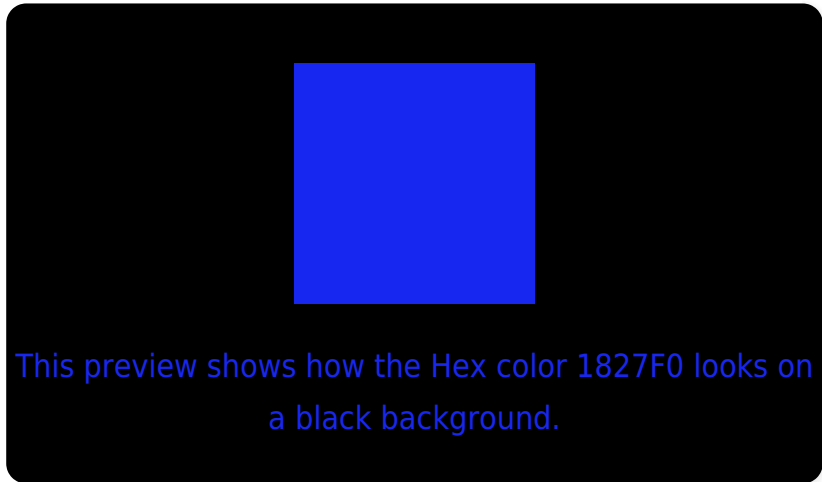
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 1827F0 Background



This preview shows how black text looks on a background with the Hex color 1827F0.

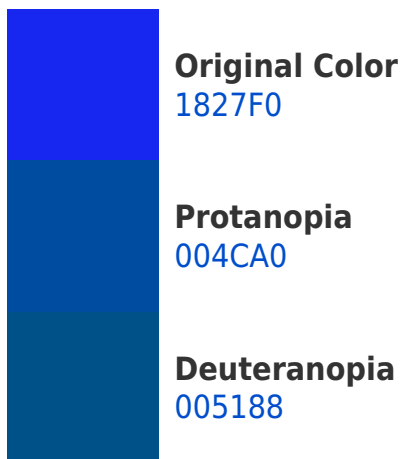



This preview shows how white text looks on a background with the Hex color 1827F0.

# 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**  
00585C

# Trichromacy



**Original Color**  
1827F0

**Protanomaly**  
093FBD

**Deuteranomaly**  
0942AE

**Tritanomaly**  
094692

# Monochromacy



**Original Color**  
1827F0

**Achromatopsia**  
393939

**Achromatomaly**  
2D327C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1827F0 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 #1827F0 looks like.

```
.text, #text, p{  
    color:#1827F0  
}
```

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 #1827F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1827F0
}
```

## Border

The CSS property to change the border of an element to Hex 1827F0 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
#1827F0 }
```

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

```
.border{ border-color:#1827F0 }
```

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

Here you see how a box with a 4 pixel #1827F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1827F0; -webkit-box-shadow:4px 4px  
4px 4px #1827F0; box-shadow:4px 4px 4px  
4px #1827F0 }
```

# Background

The CSS property to change the background color of an element to Hex 1827F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1827F0 }
```

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

```
.background{ background-color:#1827F0 }
```

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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