

Converting Colors

Hex(1814F8)

Have a look what the booklet for
Hex(1814F8) contains.

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Color

Hex(1814F8)

Conversions

Conversions Part 1

Format	Color
Hex	1814F8
RGB	24, 20, 248
RGB Percent	9%, 8%, 97%
CMY	0.9059, 0.9216, 0.0275
CMYK	0.90, 0.92, 0.00, 0.03
HSL	241°, 94%, 53%
HSV	241°, 92%, 97%
XYZ	17.5701, 7.4718, 89.3231
YIQ	47.1880, -70.8040, 71.7560

Conversions

Conversions Part 2

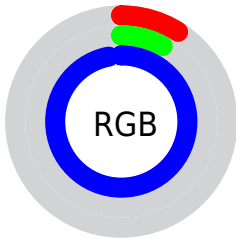
Format	Color
R _Y B	24, 20, 248
Decimal	1578232
CIE Lab	32.86, 74.23, -102.99
CIE LCh	33, 126.953, 305.784
Yxy	7.4718, 0.1536, 0.0653
Android (android.graphics.Color)	4279768312 (0xFF1814F8)
YUV	47.1880, 99.0003, -20.3359
Hunter-Lab	27.3346, 66.9005, -174.6115

Details

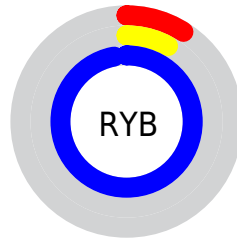
The Hex color **1814F8** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **F4F814**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7B4FFF**, and **0000BE** is the 20% darker color. If you saturate the color by 10%, you get **0400F8**, and if you desaturate by 10%, it is **302DF8**.

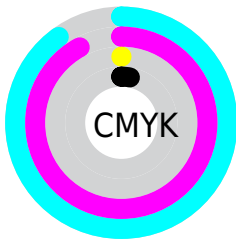
Distribution



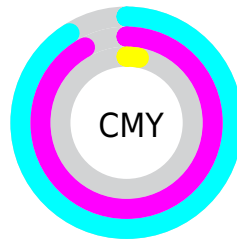
- Red (9%)
- Green (8%)
- Blue (97%)



- Red (9%)
- Yellow (8%)
- Blue (97%)



- Cyan (90%)
- Magenta (92%)
- Yellow (0%)
- Black (3%)



- Cyan (91%)
- Magenta (92%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1814F8 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 1814F8 by changing the saturation by 10% instead.

 1814F8

 1814F8

FFFFFF

 0000DB

 7B4FFF

 0000BE

 9E6AFF

 0000A2

 BF85FF

 000086

 E0A0FF

 00116B

 FFBDFD

 000B52

 FFD9FF

 00053A

 FFF7FF

 000224

 00000B

■ 1814F8

■ 1814F8

■ 0400F8

■ 302DF8

■ 4946F8

■ 615EF8

■ 7977F8

■ 9290F8

■ AAA9F8

■ C3C2F8

■ DBDAF8

■ F3F3F8

Harmonies

Analogous

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



005EFF



1814F8



C700A3

Triad

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



1814F8



9C1300



006960

Complementary

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



1814F8



F4F814

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.



006600



1814F8



4E5100

Square

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



1814F8



D20000



006200



006DC5

Rectangle

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



1814F8



E40061



006200



00683C

Sweetspot

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



1814F8



B9B8FF



14F4F8



555480



000000



808080

Same Dimension

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



1814F8



0400FF



8A14F8



71707D



0300BD



01003D

Inverse Universe

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



F814F4



FF00FB



82F814



7D707D



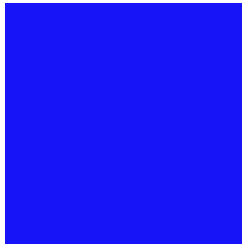
BD00B9



3D003C

Previews

White Background



This preview shows how the Hex color 1814F8 looks on a white background.

Color Contrast Check

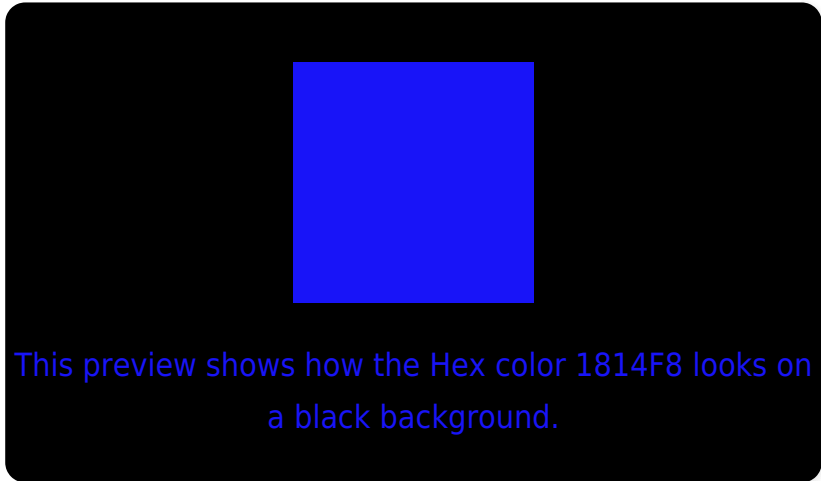
Large Text (above 18pt) WCAG AA ✓ Pass

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

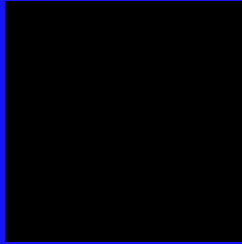
Any Text WCAG AA × Fail

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 1814F8 Background



This preview shows how black text looks on a background with the Hex color 1814F8.



This preview shows how white text looks on a background with the Hex color 1814F8.

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



Original Color
1814F8

Protanopia
004A9C

Deuteranopia
004F84

Trichromacy



Original Color
1814F8

Protanomaly
0936BD

Deuteranomaly
093AAE

Tritanomaly
093D93

Monochromacy



Original Color
1814F8

Achromatopsia
2F2F2F

Achromatomaly
272578

CSS Examples

Text

The CSS property to change the color of the text to Hex 1814F8 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 #1814F8 looks like.

```
.text, #text, p{  
    color:#1814F8  
}
```

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 #1814F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1814F8
}
```

Border

The CSS property to change the border of an element to Hex 1814F8 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
#1814F8 }
```

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

```
.border{ border-color:#1814F8 }
```

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

Here you see how a box with a 4 pixel #1814F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1814F8; -webkit-box-shadow:4px 4px  
4px 4px #1814F8; box-shadow:4px 4px 4px  
4px #1814F8 }
```

Background

The CSS property to change the background color of an element to Hex 1814F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1814F8 }
```

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

```
.background{ background-color:#1814F8 }
```

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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