

Converting Colors

Hex(1F17F4)

Have a look what the booklet for
Hex(1F17F4) contains.

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Color

Hex(1F17F4)

Conversions

Conversions Part 1

Format	Color
Hex	1F17F4
RGB	31, 23, 244
RGB Percent	12%, 9%, 96%
CMY	0.8784, 0.9098, 0.0431
CMYK	0.87, 0.91, 0.00, 0.04
HSL	242°, 91%, 52%
HSV	242°, 91%, 96%
XYZ	17.2006, 7.4358, 86.1166
YIQ	50.5860, -66.1730, 70.4270

Conversions

Conversions Part 2

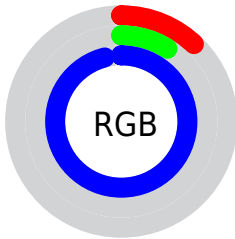
Format	Color
RYB	31, 23, 244
Decimal	2037748
CIELab	32.78, 72.56, -100.86
CIElCh	33, 124.247, 305.734
Yxy	7.4358, 0.1553, 0.0671
Android (android.graphics.Color)	4280227828 (0xFF1F17F4)
YUV	50.5860, 95.3531, -17.1769
Hunter-Lab	27.2686, 64.8751, -168.1552

Details

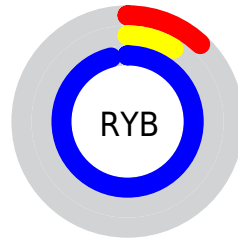
The Hex color **1F17F4** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **ECF417**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7C50FF**, and **0000BA** is the 20% darker color. If you saturate the color by 10%, you get **0900F4**, and if you desaturate by 10%, it is **372FF4**.

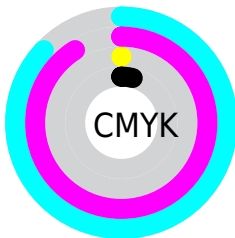
Distribution



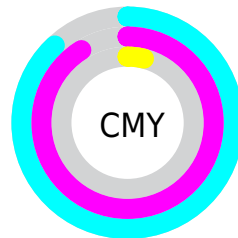
- Red (12%)
- Green (9%)
- Blue (96%)



- Red (12%)
- Yellow (9%)
- Blue (96%)



- Cyan (87%)
- Magenta (91%)
- Yellow (0%)
- Black (4%)



- Cyan (88%)
- Magenta (91%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F17F4 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 1F17F4 by changing the saturation by 10% instead.

 1F17F4

 1F17F4

FFFFFF

 0000D7

 7C50FF

 0000BA

 9E6BFF

 00009E

 C086FF

 000082

 E0A2FF

 001168

 FFBEFF

 000A4F

 FFDAFF

 000537

 FFF8FF

 000221

 000005

■ 1F17F4

■ 1F17F4

■ 0900F4

■ 372FF4

■ 4E48F4

■ 6660F4

■ 7D79F4

■ 9591F4

■ ACA9F4

■ C4C2F4

■ DBDAF4

■ F3F3F4

Harmonies

Analogous

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



005DFF



1F17F4



C400A1

Triad

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



1F17F4



9A1600



00695F

Complementary

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



1F17F4



ECF417

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



1F17F4



4E5100

Square

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



1F17F4



D00000



006100



006DC2

Rectangle

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



1F17F4



E10060



006100



00683C

Sweetspot

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



1F17F4



BDBAFF



17EDF4



585780



000000



808080

Same Dimension

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



1F17F4



0900FF



8D17F4



6F6E7A



0700BA



02003B

Inverse Universe

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



F417EC



FF00F6



7EF417



7A6E7A



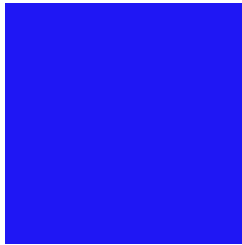
BA00B3



3B0039

Previews

White Background



This preview shows how the Hex color 1F17F4 looks on a white background.

Color Contrast Check

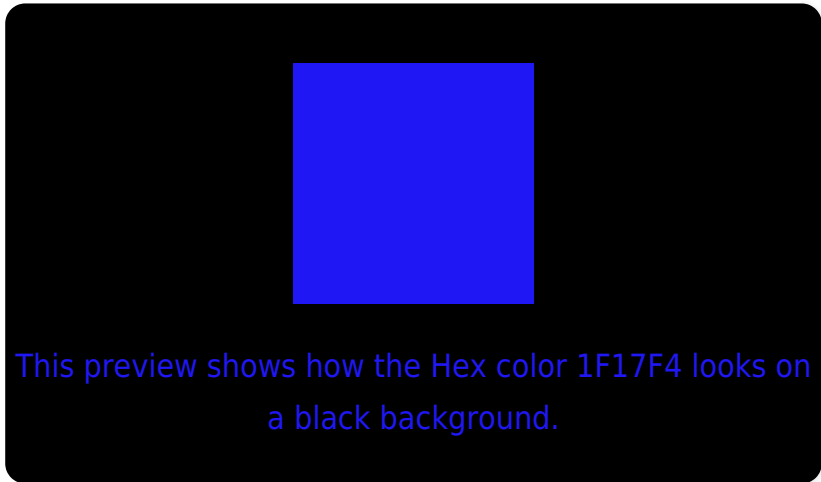
Large Text (above 18pt) WCAG AA ✓ Pass

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

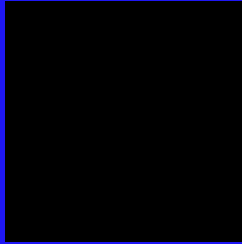
Any Text WCAG AA × Fail

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 1F17F4 Background



This preview shows how black text looks on a background with the Hex color 1F17F4.



This preview shows how white text looks on a background with the Hex color 1F17F4.

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
1F17F4

Protanopia
004A9B

Deuteranopia
004F84



Trichromacy



Original Color
1F17F4

Protanomaly
0B37BB

Deuteranomaly
0B3BAD

Tritanomaly
0B3E91

Monochromacy



Original Color
1F17F4

Achromatopsia
333333

Achromatomaly
2C2979

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F17F4 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 #1F17F4 looks like.

```
.text, #text, p{  
    color:#1F17F4  
}
```

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 #1F17F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F17F4
}
```

Border

The CSS property to change the border of an element to Hex 1F17F4 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
#1F17F4 }
```

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

```
.border{ border-color:#1F17F4 }
```

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

Here you see how a box with a 4 pixel #1F17F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F17F4; -webkit-box-shadow:4px 4px  
4px 4px #1F17F4; box-shadow:4px 4px 4px  
4px #1F17F4 }
```

Background

The CSS property to change the background color of an element to Hex 1F17F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F17F4 }
```

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

```
.background{ background-color:#1F17F4 }
```

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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