

Converting Colors

Hex(1F1DFF)

Have a look what the booklet for
Hex(1F1DFF) contains.

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Color

Hex(1F1DFF)

Conversions

Conversions Part 1

Format	Color
Hex	1F1DFF
RGB	31, 29, 255
RGB Percent	12%, 11%, 100%
CMY	0.8784, 0.8863, 0.0000
CMYK	0.88, 0.89, 0.00, 0.00
HSL	241°, 100%, 56%
HSV	241°, 89%, 100%
XYZ	19.0544, 8.3900, 95.2229
YIQ	55.3620, -71.3540, 70.7100

Conversions

Conversions Part 2

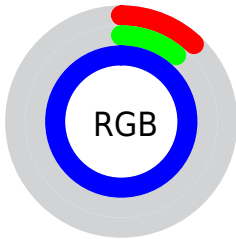
Format	Color
RYB	31, 29, 255
Decimal	2039295
CIELab	34.78, 73.74, -103.70
CIELCh	35, 127.250, 305.416
Yxy	8.3900, 0.1553, 0.0684
Android (android.graphics.Color)	4280229375 (0xFF1F1DFF)
YUV	55.3620, 98.4215, -21.3655
Hunter-Lab	28.9656, 66.7331, -174.6372

Details

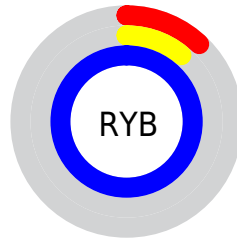
The Hex color **1F1DFF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **FDFD1D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **7E55FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0604FF**, and if you desaturate by 10%, it is **3837FF**.

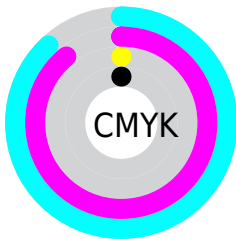
Distribution



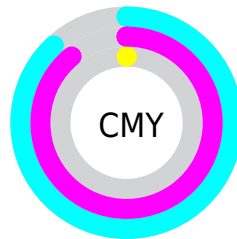
- Red (12%)
- Green (11%)
- Blue (100%)



- Red (12%)
- Yellow (11%)
- Blue (100%)



- Cyan (88%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F1DFF 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 1F1DFF by changing the saturation by 10% instead.

■ 1F1DFF

■ 1F1DFF

FFFFFF

■ 0000E1

■ 7E55FF

■ 0000C4

■ A170FF

■ 0000A8

■ C38BFF

■ 00008C

■ E4A7FF

■ 000F72

■ FFC3FF

■ 000C58

■ FFE0FF

■ 000740

■ FFFDFF

■ 000329

■ 000113

■ 1F1DFF

■ 1F1DFF

■ 0604FF

■ 3837FF

■ 0200FF

■ 5250FF

■ 6B6AFF

■ 8483FF

■ 9D9DFF

■ B7B6FF

■ D0D0FF

■ E9E9FF

FFFFFF

Harmonies

Analogous

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



0062FF



1F1DFF



CC00A9

Triad

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



1F1DFF



A31800



006F63

Complementary

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



1F1DFF



FDF1D

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.



006C00



1F1DFF



545600

Square

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



1F1DFF



DA0000



006700



0072C9

Rectangle

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



1F1DFF



EA0067



006700



006E3F

Sweetspot

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



1F1DFF



BBBAFF



1DFFFF



575780



000000



808080

Same Dimension

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



1F1DFF



0200FF



8E1DFF



737380



0200BF



010040

Inverse Universe

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



FF1DFD



FF00FD



8EFF1D



80737F



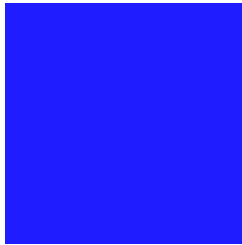
BF00BE



40003F

Previews

White Background



This preview shows how the Hex color 1F1DFF looks on a white background.

Color Contrast Check

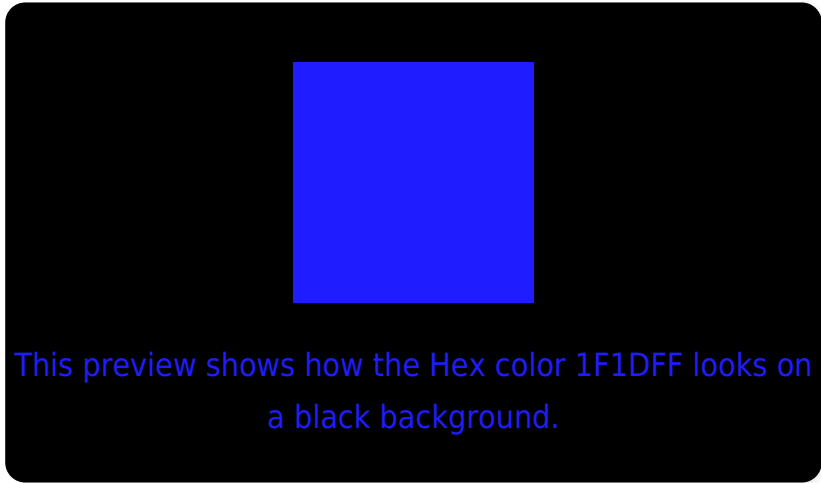
Large Text (above 18pt) WCAG AA ✓ Pass

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

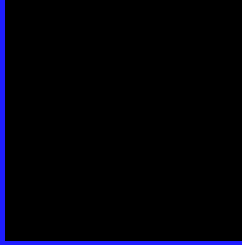
Any Text WCAG AA × Fail

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 1F1DFF Background



This preview shows how black text looks on a background with the Hex color 1F1DFF.



This preview shows how white text looks on a background with the Hex color 1F1DFF.

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
1F1DFF

Protanopia
004EA4

Deuteranopia
00548B



Tritanopia
005A5E

Trichromacy



Original Color
1F1DFF

Protanomaly
0B3CC5

Deuteranomaly
0B40B5

Tritanomaly
0B4499

Monochromacy



Original Color
1F1DFF

Achromatopsia
373737

Achromatomaly
2E2E80

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F1DFF 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 #1F1DFF looks like.

```
.text, #text, p{  
  color:#1F1DFF  
}
```

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 #1F1DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F1DFF
}
```

Border

The CSS property to change the border of an element to Hex 1F1DFF 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
#1F1DFF }
```

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

```
.border{ border-color:#1F1DFF }
```

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

Here you see how a box with a 4 pixel #1F1DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F1DFF; -webkit-box-shadow:4px 4px  
4px 4px #1F1DFF; box-shadow:4px 4px 4px  
4px #1F1DFF }
```

Background

The CSS property to change the background color of an element to Hex 1F1DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F1DFF }
```

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

```
.background{ background-color:#1F1DFF }
```

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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