

# Converting Colors

Hex(1D30F2)

Have a look what the booklet for  
Hex(1D30F2) contains.

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# Color

Hex(1D30F2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D30F2
RGB	29, 48, 242
RGB Percent	11%, 19%, 95%
CMY	0.8863, 0.8118, 0.0510
CMYK	0.88, 0.80, 0.00, 0.05
HSL	235°, 89%, 53%
HSV	235°, 88%, 95%
XYZ	17.5907, 8.7859, 84.7731
YIQ	64.4350, -73.5980, 56.3060

# Conversions

## Conversions Part 2

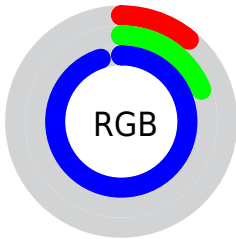
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 46, 242
Decimal	1913074
CIE Lab	35.57, 62.66, -95.08
CIE LCh	36, 113.869, 303.386
Yxy	8.7859, 0.1583, 0.0790
Android (android.graphics.Color)	4280103154 (0xFF1D30F2)
YUV	64.4350, 87.5395, -31.0765
Hunter-Lab	29.6411, 54.0600, -148.8201

# Details

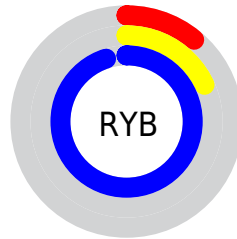
The Hex color **1D30F2** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F2DF1D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7962FF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **051AF2**, and if you desaturate by 10%, it is **3546F2**.

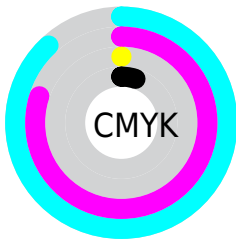
# Distribution



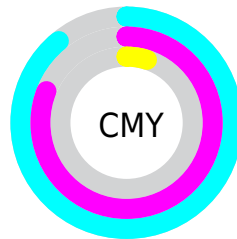
- Red (11%)
- Green (19%)
- Blue (95%)



- Red (11%)
- Yellow (18%)
- Blue (95%)



- Cyan (88%)
- Magenta (80%)
- Yellow (0%)
- Black (5%)



- Cyan (89%)
- Magenta (81%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D30F2 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 1D30F2 by changing the saturation by 10% instead.



 1D30F2

 1D30F2

FFFFFF

 0017D5

 7962FF

 0000B8

 9B7CFF

 00009C

 BC97FF

 000081

 DCB2FF

 001067

 FDCEFF

 000A4D

 FFE8FF

 000536

 00021F

 000003

■ 1D30F2

■ 1D30F2

■ 051AF2

■ 3546F2

■ 0016F2

■ 4D5CF2

■ 6672F2

■ 7E88F2

■ 969EF2

■ AEB4F2

■ C6CAF2

■ DFE0F2

■ F7F6F2

# Harmonies

## Analogous

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



0062FF



1D30F2



BE00A8

# Triad

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



1D30F2



A32000



006F5D

# Complementary

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



1D30F2



F2DF1D

# 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.



006D00



1D30F2



5E5500

# Square

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



1D30F2



D30000



006700



0072B9

# Rectangle

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



1D30F2



DD006C



006700



006F3C



# Sweetspot

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



1D30F2



BDC3FF



1DF2DD



585C80



000000



808080



# Same Dimension

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



1D30F2



0017FF



721DF2



6C6D78



0010B8



000538



# Inverse Universe

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



F21D30



FF0017



9DF21D



786C6D



B80010

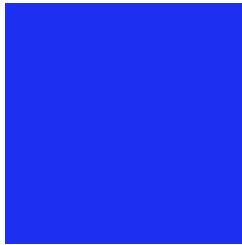


380005



# Previews

## White Background



This preview shows how the Hex color 1D30F2 looks on a white background.

## Color Contrast Check

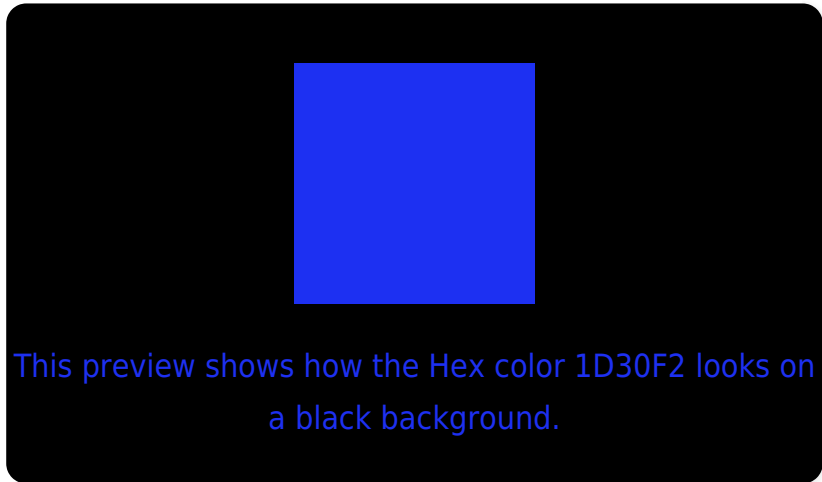
Large Text (above 18pt) WCAG AA ✓ Pass

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

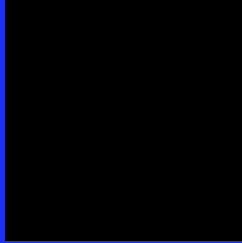
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D30F2 Background



This preview shows how black text looks on a background with the Hex color 1D30F2.



This preview shows how white text looks on a background with the Hex color 1D30F2.

# 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**  
1D30F2

**Protanopia**  
0050A8

**Deuteranopia**  
00558E



**Tritanopia**  
005C60

# Trichromacy



**Original Color**  
1D30F2

**Protanomaly**  
0B44C3

**Deuteranomaly**  
0B48B2

**Tritanomaly**  
0B4C95

# Monochromacy



**Original Color**  
1D30F2

**Achromatopsia**  
404040

**Achromatomaly**  
333A81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D30F2 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 #1D30F2 looks like.

```
.text, #text, p{  
    color:#1D30F2  
}
```

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 #1D30F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D30F2
}
```

## Border

The CSS property to change the border of an element to Hex 1D30F2 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
#1D30F2 }
```

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

```
.border{ border-color:#1D30F2 }
```

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

Here you see how a box with a 4 pixel #1D30F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D30F2; -webkit-box-shadow:4px 4px  
4px 4px #1D30F2; box-shadow:4px 4px 4px  
4px #1D30F2 }
```

# Background

The CSS property to change the background color of an element to Hex 1D30F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D30F2 }
```

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

```
.background{ background-color:#1D30F2 }
```

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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