

# Converting Colors

Hex(1D72FF)

Have a look what the booklet for  
Hex(1D72FF) contains.

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# Color

Hex(1D72FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	1D72FF
RGB	29, 114, 255
RGB Percent	11%, 45%, 100%
CMY	0.8863, 0.5529, 0.0000
CMYK	0.89, 0.55, 0.00, 0.00
HSL	217°, 100%, 56%
HSV	217°, 89%, 100%
XYZ	24.5740, 19.5158, 97.0795
YIQ	104.6590, -95.9210, 25.8310

# Conversions

## Conversions Part 2

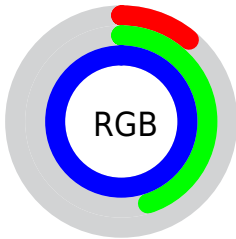
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	29, 91, 255
Decimal	1929983
CIE Lab	51.29, 28.51, -76.49
CIE LCh	51, 81.625, 290.440
Yxy	19.5158, 0.1741, 0.1382
Android (android.graphics.Color)	4280120063 (0xFF1D72FF)
YUV	104.6590, 74.1181, -66.3529
Hunter-Lab	44.1767, 21.9842, -99.3676

# Details

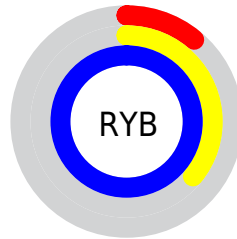
The Hex color **1D72FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FFAA1D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **77A5FF**, and **0043C5** is the 20% darker color. If you saturate the color by 10%, you get **0462FF**, and if you desaturate by 10%, it is **3782FF**.

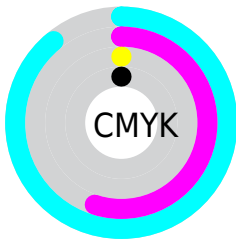
# Distribution



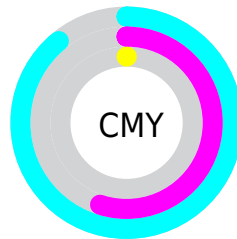
- Red (11%)
- Green (45%)
- Blue (100%)



- Red (11%)
- Yellow (36%)
- Blue (100%)



- Cyan (89%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (55%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D72FF 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 1D72FF by changing the saturation by 10% instead.



 1D72FF

 1D72FF

FFFFFF

 005AE2

 77A5FF

 0043C5

 99C0FF

 002FA9

 B9DCFF

 001D8E

 D9F8FF

 000573

 F9FFFF

 000D5A

 000741

 00032A

 000114

■ 1D72FF

■ 1D72FF

■ 0462FF

■ 3782FF

■ 0060FF

■ 5092FF

■ 6AA2FF

■ 83B2FF

■ 9DC2FF

■ B6D1FF

■ D0E1FF

■ E9F1FF

FFFFFF

# Harmonies

## Analogous

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



008AFF



1D72FF



B54AD4

# Triad

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



1D72FF



D64C00



009661

# Complementary

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



1D72FF



FFA1D

# 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.



00910A



1D72FF



A76F00

# Square

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



1D72FF



F0144F



678500



0097A9

# Rectangle

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



1D72FF



DC25AB



678500



009548



# Sweetspot

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



1D72FF



BAD4FF



1DFFA8



576680



000000



808080



# Same Dimension

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



1D72FF



0060FF



371DFF



737880



0048BF



001840



# Inverse Universe

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



FF1D72



FF0060



E5FF1D



807378



BF0048



400018



# Previews

## White Background



This preview shows how the Hex color 1D72FF looks on a white background.

## Color Contrast Check

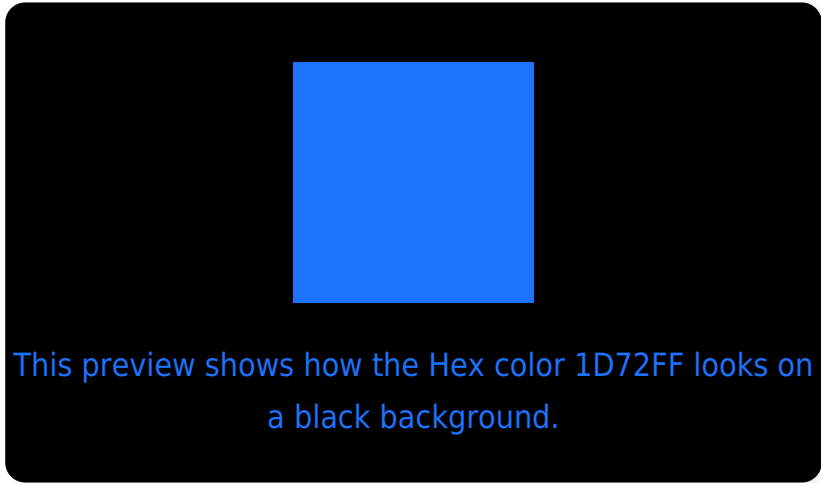
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

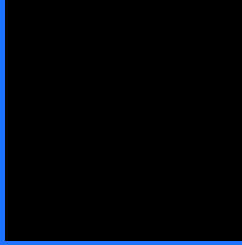
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

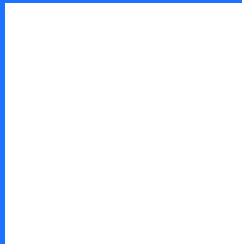
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D72FF Background



This preview shows how black text looks on a background with the Hex color 1D72FF.



This preview shows how white text looks on a background with the Hex color 1D72FF.

# 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**  
00878F

# Trichromacy



**Original Color**  
1D72FF

**Protanomaly**  
0B74FB

**Deuteranomaly**  
0B78E5

**Tritanomaly**  
0B7FB8

# Monochromacy



**Original Color**  
1D72FF

**Achromatopsia**  
696969

**Achromatomaly**  
4D6CA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D72FF 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 #1D72FF looks like.

```
.text, #text, p{  
    color:#1D72FF  
}
```

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 #1D72FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D72FF
}
```

## Border

The CSS property to change the border of an element to Hex 1D72FF 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
#1D72FF }
```

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

```
.border{ border-color:#1D72FF }
```

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

Here you see how a box with a 4 pixel #1D72FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D72FF; -webkit-box-shadow:4px 4px  
4px 4px #1D72FF; box-shadow:4px 4px 4px  
4px #1D72FF }
```

# Background

The CSS property to change the background color of an element to Hex 1D72FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D72FF }
```

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

```
.background{ background-color:#1D72FF }
```

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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