

# Converting Colors

Hex(1D79FF)

Have a look what the booklet for  
Hex(1D79FF) contains.

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# Color

Hex(1D79FF)

# Conversions

## Conversions Part 1

Format	Color
Hex	1D79FF
RGB	29, 121, 255
RGB Percent	11%, 47%, 100%
CMY	0.8863, 0.5255, 0.0000
CMYK	0.89, 0.53, 0.00, 0.00
HSL	216°, 100%, 56%
HSV	216°, 89%, 100%
XYZ	25.3941, 21.1560, 97.3528
YIQ	108.7680, -97.8460, 22.1700

# Conversions

## Conversions Part 2

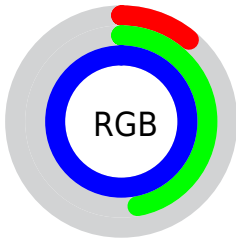
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	29, 94, 255
Decimal	1931775
CIE Lab	53.12, 24.10, -73.50
CIE LCh	53, 77.355, 288.156
Yxy	21.1560, 0.1765, 0.1470
Android (android.graphics.Color)	4280121855 (0xFF1D79FF)
YUV	108.7680, 72.0924, -69.9565
Hunter-Lab	45.9956, 18.0571, -93.2944

# Details

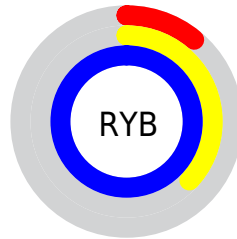
The Hex color **1D79FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FFA31D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **77ADFF**, and **004AC5** is the 20% darker color. If you saturate the color by 10%, you get **046AFF**, and if you desaturate by 10%, it is **3788FF**.

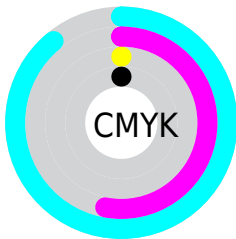
# Distribution



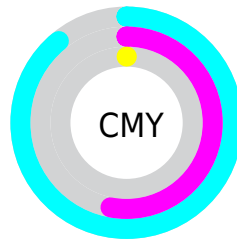
- Red (11%)
- Green (47%)
- Blue (100%)



- Red (11%)
- Yellow (37%)
- Blue (100%)



- Cyan (89%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (53%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D79FF 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 1D79FF by changing the saturation by 10% instead.



 1D79FF

 1D79FF

FFFFFF

 0061E2

 77ADFF

 004AC5

 98C8FF

 0035A9

 B9E4FF

 00228E

 D9FFFF

 000E74

 F8FFFF

 000D5A

 000741

 00032A

 000115

■ 1D79FF

■ 1D79FF

■ 046AFF

■ 3788FF

■ 0068FF

■ 5097FF

■ 6AA6FF

■ 83B5FF

■ 9DC5FF

■ B6D4FF

■ D0E3FF

■ E9F2FF

FFFFFF

# Harmonies

## Analogous

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



008FFF



1D79FF



B256D9

# Triad

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



1D79FF



DB5217



009A61

# Complementary

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



1D79FF



FFA31D

# 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.



009414



1D79FF



AF7200

# Square

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



1D79FF



F12B5A



748800



009CA7

# Rectangle

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



1D79FF



DA3AB2



748800



00984A



# Sweetspot

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



1D79FF



BAD6FF



1DFFA1



576780



000000



808080



# Same Dimension

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



1D79FF



0068FF



301DFF



737880



004EBF



001A40



# Inverse Universe

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



FF1D79



FF0068



ECFF1D



807378



BF004E



40001A



# Previews

## White Background



This preview shows how the Hex color 1D79FF looks on a white background.

## Color Contrast Check

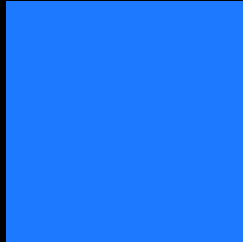
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 1D79FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

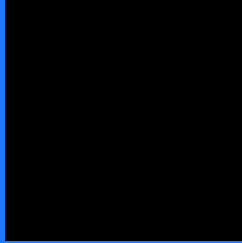
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

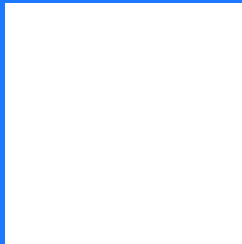
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1D79FF Background



This preview shows how black text looks on a background with the Hex color 1D79FF.



This preview shows how white text looks on a background with the Hex color 1D79FF.

# 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](#).

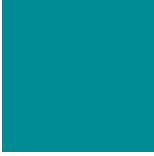
## Dichromacy



**Original Color**  
1D79FF

**Protanopia**  
1A79FF

**Deuteranopia**  
0081DF



**Tritanopia**  
008C95

# Trichromacy



**Original Color**  
1D79FF

**Protanomaly**  
1B79FF

**Deuteranomaly**  
0B7EEB

**Tritanomaly**  
0B85BC

# Monochromacy



**Original Color**  
1D79FF

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
5071A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D79FF 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 #1D79FF looks like.

```
.text, #text, p{  
    color:#1D79FF  
}
```

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 #1D79FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D79FF
}
```

## Border

The CSS property to change the border of an element to Hex 1D79FF 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
#1D79FF }
```

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

```
.border{ border-color:#1D79FF }
```

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

Here you see how a box with a 4 pixel #1D79FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D79FF; -webkit-box-shadow:4px 4px  
4px 4px #1D79FF; box-shadow:4px 4px 4px  
4px #1D79FF }
```

# Background

The CSS property to change the background color of an element to Hex 1D79FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D79FF }
```

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

```
.background{ background-color:#1D79FF }
```

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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