

# Converting Colors

Hex(1379FD)

Have a look what the booklet for  
Hex(1379FD) contains.

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# Color

Hex(1379FD)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1379FD
RGB	19, 121, 253
RGB Percent	7%, 47%, 99%
CMY	0.9255, 0.5255, 0.0078
CMYK	0.92, 0.52, 0.00, 0.01
HSL	214°, 98%, 53%
HSV	214°, 92%, 99%
XYZ	24.8356, 20.9050, 95.6546
YIQ	105.5500, -103.1640, 19.4280

# Conversions

## Conversions Part 2

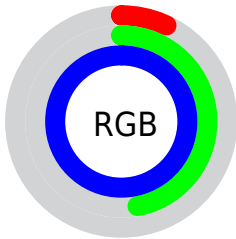
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	19, 90, 253
Decimal	1276413
CIE Lab	52.85, 22.91, -72.85
CIE LCh	53, 76.366, 287.456
Yxy	20.9050, 0.1756, 0.1478
Android (android.graphics.Color)	4279466493 (0xFF1379FD)
YUV	105.5500, 72.6928, -75.9043
Hunter-Lab	45.7220, 16.9451, -92.0346

# Details

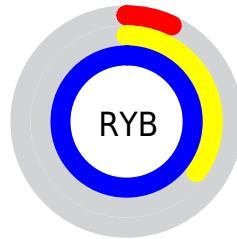
The Hex color **1379FD** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FD9713**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **74ADFF**, and **004AC3** is the 20% darker color. If you saturate the color by 10%, you get **006EFD**, and if you desaturate by 10%, it is **2C87FD**.

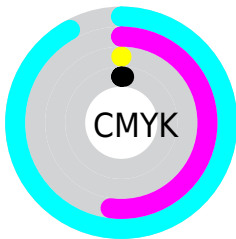
# Distribution



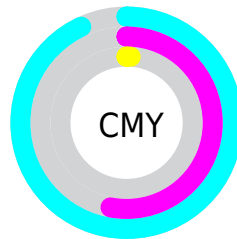
- Red (7%)
- Green (47%)
- Blue (99%)



- Red (7%)
- Yellow (35%)
- Blue (99%)



- Cyan (92%)
- Magenta (52%)
- Yellow (0%)
- Black (1%)



- Cyan (93%)
- Magenta (53%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1379FD 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 1379FD by changing the saturation by 10% instead.



 1379FD

 1379FD

FFFFFF

 0061E0

 74ADFF

 004AC3

 95C8FF

 0035A7

 B6E3FF

 00228C

 D6FFFF

 000D72

 F5FFFF

 000D58

 000740

 000329

 000113

■ 1379FD

■ 1379FD

■ 006EFD

■ 2C87FD

■ 4696FD

■ 5FA4FD

■ 78B2FD

■ 92C0FD

■ ABCFFD

■ C4DDFD

■ DDEBFD

■ F7F9FD

# Harmonies

## Analogous

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



008EFF



1379FD



AF57D8

# Triad

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



1379FD



DA511A



00995F

# Complementary

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



1379FD



FD9713

# 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.



039313



1379FD



AF7100

# Square

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



1379FD



EF2C5B



758700



009BA4

# Rectangle

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



1379FD



D73CB2



758700



009748



# Sweetspot

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



1379FD



B8D7FF



13FD94



546780



000000



808080



# Same Dimension

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



1379FD



006FFF



1F13FD



737880



0053BF



001C40



# Inverse Universe

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



FD1379



FF006F



F1FD13



807378



BF0053



40001C



# Previews

## White Background



This preview shows how the Hex color 1379FD looks on a white background.

## Color Contrast Check

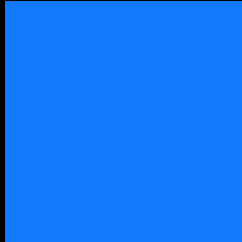
Large Text (above 18pt) WCAG AA ✓ Pass

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 1379FD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

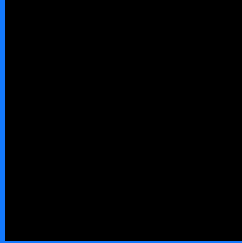
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

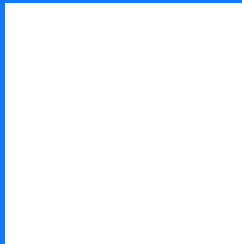
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1379FD Background



This preview shows how black text looks on a background with the Hex color 1379FD.



This preview shows how white text looks on a background with the Hex color 1379FD.

# 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**  
008B94

# Trichromacy



**Original Color**  
1379FD

**Protanomaly**  
1A79FD

**Deuteranomaly**  
077DE9

**Tritanomaly**  
0784BA

# Monochromacy



**Original Color**  
1379FD

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
4A6F9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1379FD 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 #1379FD looks like.

```
.text, #text, p{  
    color:#1379FD  
}
```

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 #1379FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1379FD
}
```

## Border

The CSS property to change the border of an element to Hex 1379FD 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
#1379FD }
```

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

```
.border{ border-color:#1379FD }
```

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

Here you see how a box with a 4 pixel #1379FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1379FD; -webkit-box-shadow:4px 4px  
4px 4px #1379FD; box-shadow:4px 4px 4px  
4px #1379FD }
```

# Background

The CSS property to change the background color of an element to Hex 1379FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1379FD }
```

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

```
.background{ background-color:#1379FD }
```

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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