

# Converting Colors

Hex(4178FD)

Have a look what the booklet for  
Hex(4178FD) contains.

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**Color**

**Hex(4178FD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4178FD
RGB	65, 120, 253
RGB Percent	25%, 47%, 99%
CMY	0.7451, 0.5294, 0.0078
CMYK	0.74, 0.53, 0.00, 0.01
HSL	222°, 98%, 62%
HSV	222°, 74%, 99%
XYZ	26.6261, 21.6486, 95.7038
YIQ	118.7170, -75.4730, 29.7030

# Conversions

## Conversions Part 2

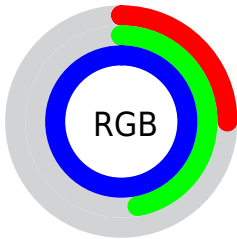
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	65, 108, 253
Decimal	4290813
CIE Lab	53.65, 26.93, -71.49
CIE LCh	54, 76.397, 290.644
Yxy	21.6486, 0.1849, 0.1504
Android (android.graphics.Color)	4282480893 (0xFF4178FD)
YUV	118.7170, 66.2015, -47.1098
Hunter-Lab	46.5281, 20.7240, -89.3842

# Details

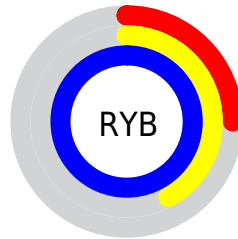
The Hex color **4178FD** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FDC641**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **88ACFF**, and **0049C3** is the 20% darker color. If you saturate the color by 10%, you get **2866FD**, and if you desaturate by 10%, it is **5A8AFD**.

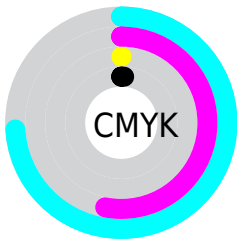
# Distribution



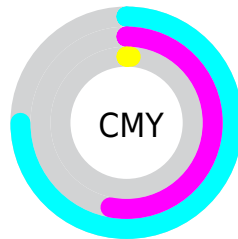
- Red (25%)
- Green (47%)
- Blue (99%)



- Red (25%)
- Yellow (42%)
- Blue (99%)



- Cyan (74%)
- Magenta (53%)
- Yellow (0%)
- Black (1%)



- Cyan (75%)
- Magenta (53%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4178FD 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 4178FD by changing the saturation by 10% instead.



 4178FD

 4178FD

FFFFFF

 0060E0

 88ACFF

 0049C3

 A8C7FF

 0033A7

 C7E3FF

 00208C

 E7FFFF

 000D72

 000D58

 000740

 000329

 000113

■ 4178FD

■ 4178FD

■ 2866FD

■ 5A8AFD

■ 0E54FD

■ 749CFD

■ 004AFD

■ 8DAEFD

■ A6C0FD

■ C0D1FD

■ D9E3FD

■ F2F5FD

FFFFFD

# Harmonies

## Analogous

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



008FFF



4178FD



B955D5

# Triad

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



4178FD



D95713



009B69

# Complementary

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



4178FD



FDC641

# 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.



009620



4178FD



AC7600

# Square

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



4178FD



F13256



708B00



009DAD

# Rectangle

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



4178FD



DE3BAD



708B00



009A51



# Sweetspot

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



4178FD



C7D7FF



41FDC5



5E6880



000000



808080



# Same Dimension

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



4178FD



1C5EFF



6741FD



737680



0038BF



001340



# Inverse Universe

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



FD4178



FF1C5E



D7FD41



807376



BF0038



400013



# Previews

## White Background



This preview shows how the Hex color 4178FD looks on a white background.

## Color Contrast Check

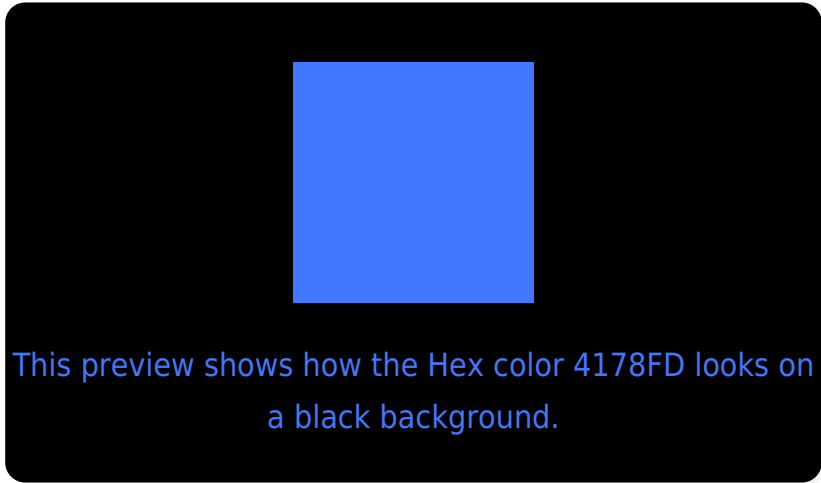
Large Text (above 18pt) WCAG AA ✓ Pass

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

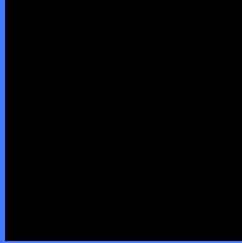
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

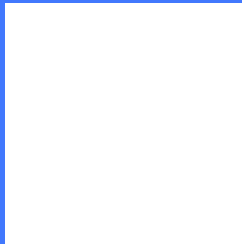
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4178FD Background



This preview shows how black text looks on a background with the Hex color 4178FD.

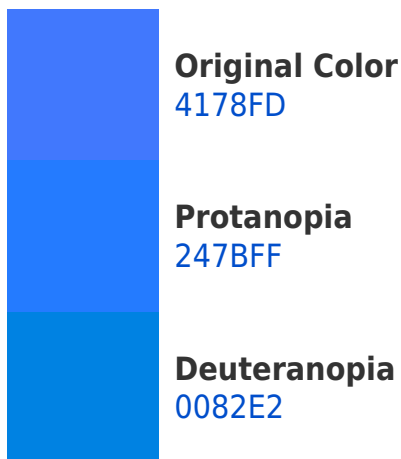


This preview shows how white text looks on a background with the Hex color 4178FD.

# 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](#).

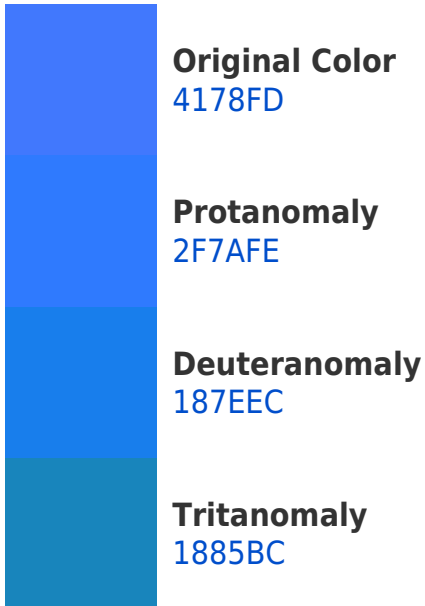
## Dichromacy



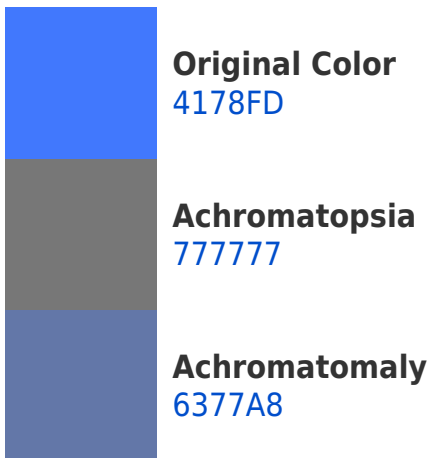


**Tritanopia**  
008D97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4178FD 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 #4178FD looks like.

```
.text, #text, p{  
    color:#4178FD  
}
```

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 #4178FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4178FD
}
```

## Border

The CSS property to change the border of an element to Hex 4178FD 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
#4178FD }
```

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

```
.border{ border-color:#4178FD }
```

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

Here you see how a box with a 4 pixel #4178FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4178FD; -webkit-box-shadow:4px 4px  
4px 4px #4178FD; box-shadow:4px 4px 4px  
4px #4178FD }
```

# Background

The CSS property to change the background color of an element to Hex 4178FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4178FD }
```

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

```
.background{ background-color:#4178FD }
```

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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