

Converting Colors

Hex(4177FF)

Have a look what the booklet for
Hex(4177FF) contains.

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Color

Hex(4177FF)

Conversions

Conversions Part 1

Format	Color
Hex	4177FF
RGB	65, 119, 255
RGB Percent	25%, 47%, 100%
CMY	0.7451, 0.5333, 0.0000
CMYK	0.75, 0.53, 0.00, 0.00
HSL	223°, 100%, 63%
HSV	223°, 75%, 100%
XYZ	26.8268, 21.5375, 97.3510
YIQ	118.3580, -75.8400, 30.8480

Conversions

Conversions Part 2

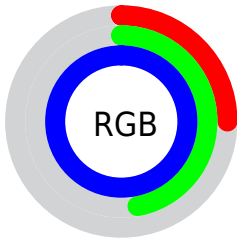
Format	Color
R _{YB}	65, 107, 255
Decimal	4290559
CIE _{Lab}	53.53, 28.27, -72.79
CIE _{LCh}	54, 78.087, 291.225
Yxy	21.5375, 0.1841, 0.1478
Android (android.graphics.Color)	4282480639 (0xFF4177FF)
YUV	118.3580, 67.3645, -46.7950
Hunter-Lab	46.4085, 21.9685, -91.8866

Details

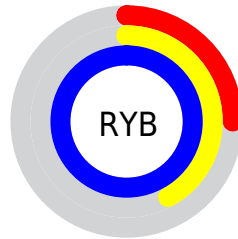
The Hex color **4177FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **FFC941**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **89ABFF**, and **0048C5** is the 20% darker color. If you saturate the color by 10%, you get **2765FF**, and if you desaturate by 10%, it is **5A89FF**.

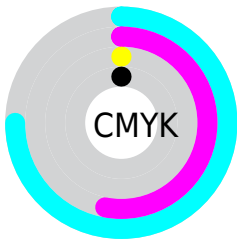
Distribution



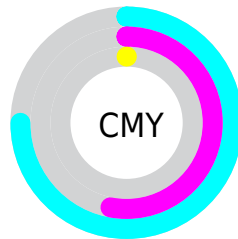
- Red (25%)
- Green (47%)
- Blue (100%)



- Red (25%)
- Yellow (42%)
- Blue (100%)



- Cyan (75%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4177FF 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 4177FF by changing the saturation by 10% instead.

 4177FF

 4177FF

FFFFFF

 005FE2

 89ABFF

 0048C5

 A9C6FF

 0032A9


 C8E2FF

 001F8E

 E7FEFF

 000C74

 000D5A

 000741

 00032A

 000115

■ 4177FF

■ 4177FF

■ 2765FF

■ 5A89FF

■ 0E52FF

■ 749CFF

■ 0048FF

■ 8EAEFF

■ A7C0FF

■ C1D2FF

■ DAE5FF

■ F3F7FF

FFFFFF

Harmonies

Analogous

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



008EFF



4177FF



BB53D5

Triad

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



4177FF



DA560C



009B69

Complementary

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



4177FF



FFC941

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.



00961E



4177FF



AB7600

Square

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



4177FF



F22E54



6E8B00



009DAF

Rectangle

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



4177FF



E036AD



6E8B00



009A51

Sweetspot

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



4177FF



C7D7FF



41FFC6



5E6880



000000



808080

Same Dimension

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



4177FF



1C5DFF



6741FF



737680



0036BF



001240

Inverse Universe

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



FF4177



FF1C5D



D9FF41



807376



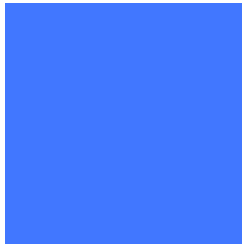
BF0036



400012

Previews

White Background



This preview shows how the Hex color 4177FF looks on a white background.

Color Contrast Check

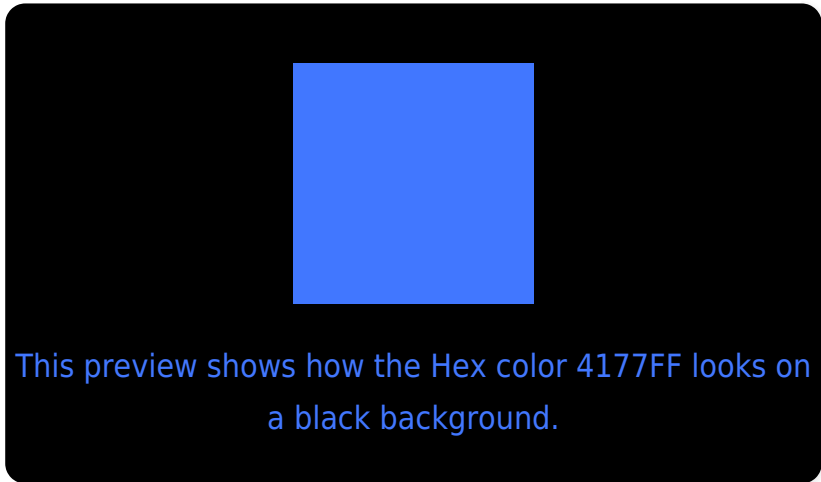
Large Text (above 18pt) WCAG AA ✓ Pass

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

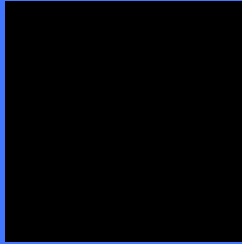
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

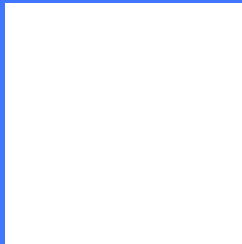
Any Text WCAG AAA × Fail

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

Hex 4177FF Background



This preview shows how black text looks on a background with the Hex color 4177FF.

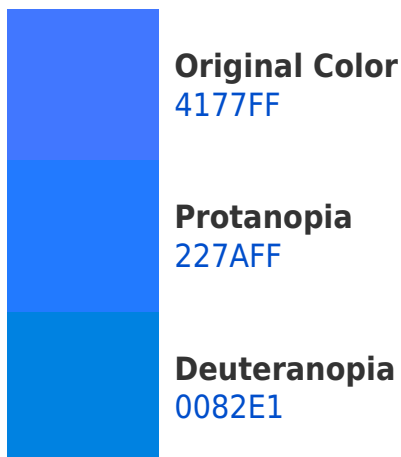


This preview shows how white text looks on a background with the Hex color 4177FF.

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](#).

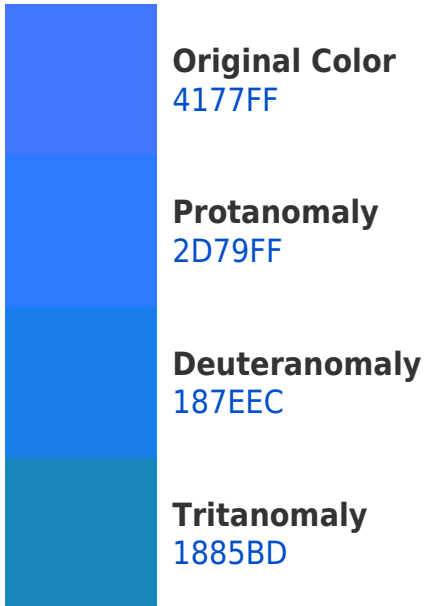
Dichromacy



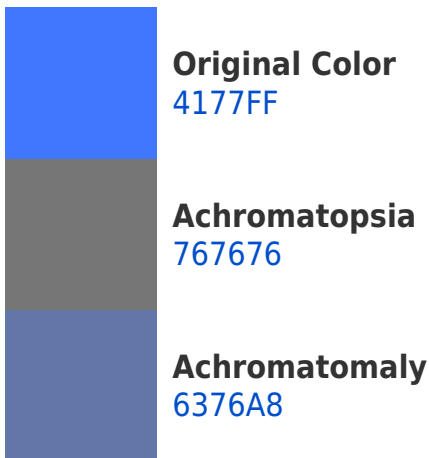


Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4177FF 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 #4177FF looks like.

```
.text, #text, p{  
    color:#4177FF  
}
```

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 #4177FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4177FF
}
```

Border

The CSS property to change the border of an element to Hex 4177FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

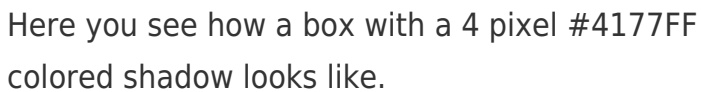
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4177FF }
```

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

```
.border{ border-color:#4177FF }
```

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



Here you see how a box with a 4 pixel #4177FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4177FF; -webkit-box-shadow:4px 4px  
4px 4px #4177FF; box-shadow:4px 4px 4px  
4px #4177FF }
```

Background

The CSS property to change the background color of an element to Hex 4177FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4177FF }
```

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

```
.background{ background-color:#4177FF }
```

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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