

Converting Colors

Hex(4876FF)

Have a look what the booklet for
Hex(4876FF) contains.

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Color

Hex(4876FF)

Conversions

Conversions Part 1

Format	Color
Hex	4876FF
RGB	72, 118, 255
RGB Percent	28%, 46%, 100%
CMY	0.7176, 0.5373, 0.0000
CMYK	0.72, 0.54, 0.00, 0.00
HSL	225°, 100%, 64%
HSV	225°, 72%, 100%
XYZ	27.2009, 21.5546, 97.3345
YIQ	119.8640, -71.3930, 32.8550

Conversions

Conversions Part 2

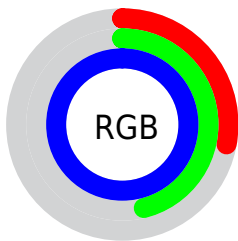
Format	Color
RYB	72, 109, 255
Decimal	4749055
CIELab	53.55, 29.71, -72.75
CIELCh	54, 78.579, 292.213
Yxy	21.5546, 0.1862, 0.1475
Android (android.graphics.Color)	4282939135 (0xFF4876FF)
YUV	119.8640, 66.6220, -41.9767
Hunter-Lab	46.4269, 23.3337, -91.8033

Details

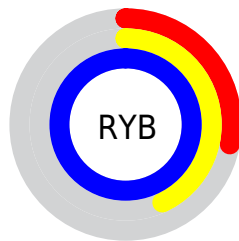
The Hex color **4876FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FFD148**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8DAAFF**, and **0047C5** is the 20% darker color. If you saturate the color by 10%, you get **2F63FF**, and if you desaturate by 10%, it is **6289FF**.

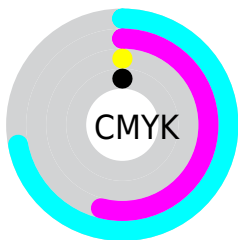
Distribution



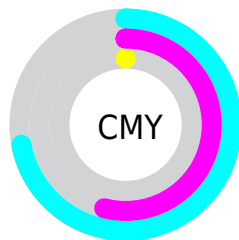
- Red (28%)
- Green (46%)
- Blue (100%)



- Red (28%)
- Yellow (43%)
- Blue (100%)



- Cyan (72%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4876FF 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 4876FF by changing the saturation by 10% instead.

 4876FF

 4876FF

FFFFFF

 0E5EE2

 8DAAFF

 0047C5

 ADC5FF

 0031A9

 CCE1FF

 001E8E

 EBFDFD

 000B74

 000C5A

 000741

 00032A

 000115

 4876FF

 4876FF

 2F63FF

 6289FF

 1550FF

 7B9CFF

 0040FF

 94AFFF

 AEC2FF

 C8D5FF

 E1E9FF

 FBFCFF

FFFFFF

Harmonies

Analogous

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



008EFF



4876FF



BE51D4

Triad

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



4876FF



D95705



009C6B

Complementary

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



4876FF



FFD148

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.



009721



4876FF



AA7700

Square

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



4876FF



F32E52



6B8B00



009DB2

Rectangle

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



4876FF



E234AB



6B8B00



009A54

Sweetspot

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



4876FF



C7D5FF



48FFCE



5E6780



000000



808080

Same Dimension

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



4876FF



245BFF



7348FF



737680



0030BF



001040

Inverse Universe

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



FF4876



FF245B



D4FF48



807376



BF0030



400010

Previews

White Background



This preview shows how the Hex color 4876FF looks on a white background.

Color Contrast Check

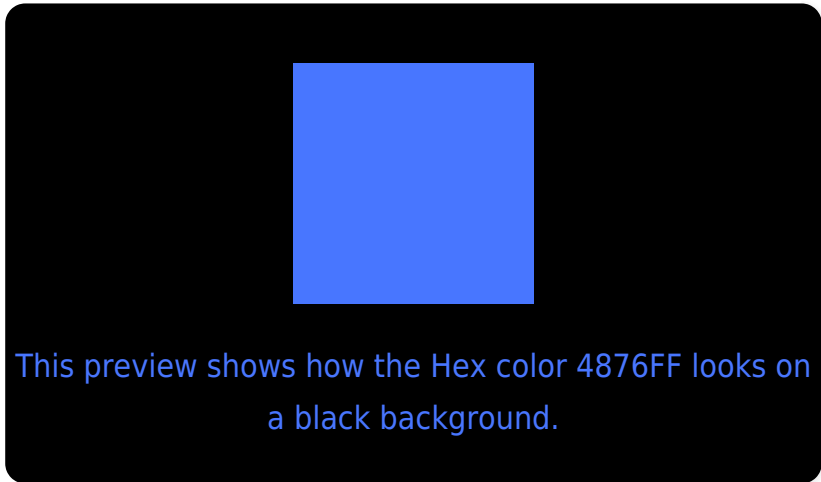
Large Text (above 18pt) WCAG AA ✓ Pass

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

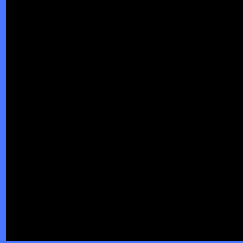
Any Text WCAG AA ✓ Pass

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 4876FF Background



This preview shows how black text looks on a background with the Hex color 4876FF.

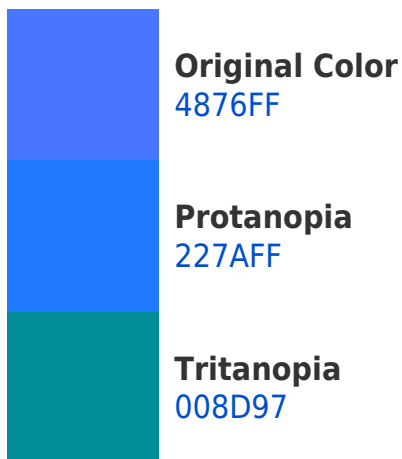


This preview shows how white text looks on a background with the Hex color 4876FF.

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



Trichromacy



Original Color
4876FF

Protanomaly
3079FF

Tritanomaly
1A85BD

Monochromacy



Original Color
4876FF

Achromatopsia
787878

Achromatomaly
6777A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 4876FF 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 #4876FF looks like.

```
.text, #text, p{  
    color:#4876FF  
}
```

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 #4876FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4876FF
}
```

Border

The CSS property to change the border of an element to Hex 4876FF 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
#4876FF }
```

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

```
.border{ border-color:#4876FF }
```

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

Here you see how a box with a 4 pixel #4876FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4876FF; -webkit-box-shadow:4px 4px  
4px 4px #4876FF; box-shadow:4px 4px 4px  
4px #4876FF }
```

Background

The CSS property to change the background color of an element to Hex 4876FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4876FF }
```

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

```
.background{ background-color:#4876FF }
```

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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