

Converting Colors

Hex(476AFF)

Have a look what the booklet for
Hex(476AFF) contains.

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Color

Hex(476AFF)

Conversions

Conversions Part 1

Format	Color
Hex	476AFF
RGB	71, 106, 255
RGB Percent	28%, 42%, 100%
CMY	0.7216, 0.5843, 0.0000
CMYK	0.72, 0.58, 0.00, 0.00
HSL	229°, 100%, 64%
HSV	229°, 72%, 100%
XYZ	25.8026, 18.8677, 96.8896
YIQ	112.5210, -68.6890, 38.9190

Conversions

Conversions Part 2

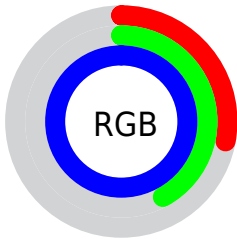
Format	Color
R _Y B	71, 100, 255
Decimal	4680447
CIE Lab	50.53, 36.98, -77.66
CIE LCh	51, 86.012, 295.460
Yxy	18.8677, 0.1823, 0.1333
Android (android.graphics.Color)	4282870527 (0xFF476AFF)
YUV	112.5210, 70.2421, -36.4139
Hunter-Lab	43.4369, 30.0186, -101.8454

Details

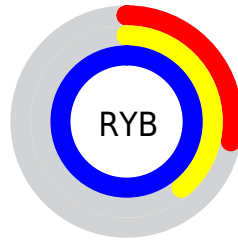
The Hex color **476AFF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **FFDC47**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8D9DFF**, and **003CC5** is the 20% darker color. If you saturate the color by 10%, you get **2E55FF**, and if you desaturate by 10%, it is **617FFF**.

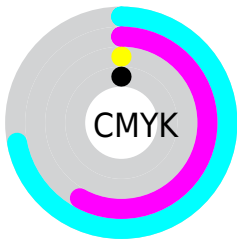
Distribution



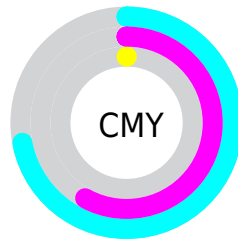
- Red (28%)
- Green (42%)
- Blue (100%)



- Red (28%)
- Yellow (39%)
- Blue (100%)



- Cyan (72%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476AFF 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 476AFF by changing the saturation by 10% instead.

■ 476AFF

■ 476AFF

FFFFFF

■ 0752E2

■ 8D9DFF

■ 003CC5

■ ADB8FF

■ 0027A9

■ CDD3FF

■ 00158E

■ ECF0FF

■ 000073

■ 000D5A

■ 000741

■ 00032A

■ 000114

■ 476AFF

■ 476AFF

■ 2E55FF

■ 617FFF

■ 1441FF

■ 7A93FF

■ 0031FF

■ 93A8FF

■ ADBDFF

■ C7D1FF

■ E0E6FF

■ FAFBFF

FFFFFF

Harmonies

Analogous

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



0086FF



476AFF



C23ACD

Triad

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



476AFF



D14E00



00956B

Complementary

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



476AFF



FFDC47

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.



009114



476AFF



9C7200

Square

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



476AFF



F0003F



558600



0096B6

Rectangle

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



476AFF



E5009F



558600



009450

Sweetspot

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



476AFF



C7D2FF



47FFDA



5E6580



000000



808080

Same Dimension

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



476AFF



214BFF



7E47FF



737580



0024BF



000C40

Inverse Universe

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



FF476A



FF214B



C8FF47



807375



BF0024



40000C

Previews

White Background



This preview shows how the Hex color 476AFF looks on a white background.

Color Contrast Check

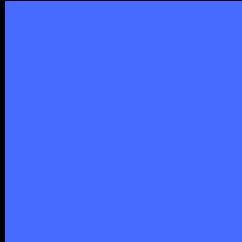
Large Text (above 18pt) WCAG AA ✓ Pass

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 476AFF 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 476AFF Background



This preview shows how black text looks on a background with the Hex color 476AFF.

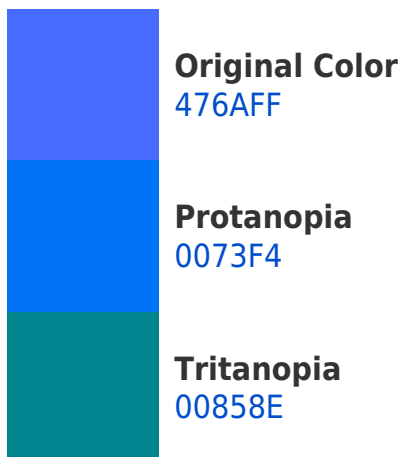


This preview shows how white text looks on a background with the Hex color 476AFF.

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
476AFF

Protanomaly
1A70F8

Tritanomaly
1A7BB7

Monochromacy



Original Color
476AFF

Achromatopsia
717171

Achromatomaly
626EA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 476AFF 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 #476AFF looks like.

```
.text, #text, p{  
    color:#476AFF  
}
```

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 #476AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476AFF
}
```

Border

The CSS property to change the border of an element to Hex 476AFF 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
#476AFF }
```

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

```
.border{ border-color:#476AFF }
```

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

Here you see how a box with a 4 pixel #476AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476AFF; -webkit-box-shadow:4px 4px  
4px 4px #476AFF; box-shadow:4px 4px 4px  
4px #476AFF }
```

Background

The CSS property to change the background color of an element to Hex 476AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476AFF }
```

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

```
.background{ background-color:#476AFF }
```

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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