

Converting Colors

Hex(46A0FF)

Have a look what the booklet for
Hex(46A0FF) contains.

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Color

Hex(46A0FF)

Conversions

Conversions Part 1

Format	Color
Hex	46A0FF
RGB	70, 160, 255
RGB Percent	27%, 63%, 100%
CMY	0.7255, 0.3725, 0.0000
CMYK	0.73, 0.37, 0.00, 0.00
HSL	211°, 100%, 64%
HSV	211°, 73%, 100%
XYZ	33.1466, 33.6637, 99.3585
YIQ	143.9200, -84.1350, 10.4650

Conversions

Conversions Part 2

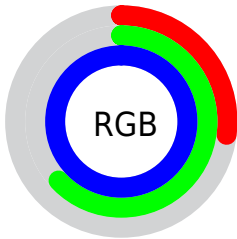
Format	Color
R _Y B	70, 131, 255
Decimal	4628735
CIE Lab	64.69, 4.12, -54.86
CIE LCh	65, 55.015, 274.294
Yxy	33.6637, 0.1995, 0.2026
Android (android.graphics.Color)	4282818815 (0xFF46A0FF)
YUV	143.9200, 54.7624, -64.8278
Hunter-Lab	58.0204, 0.4398, -60.9183

Details

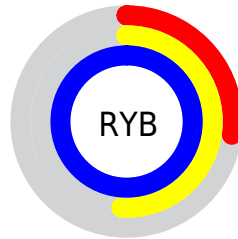
The Hex color **46A0FF** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FFA546**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8BD6FF**, and **006DC6** is the 20% darker color. If you saturate the color by 10%, you get **2D93FF**, and if you desaturate by 10%, it is **60ADFF**.

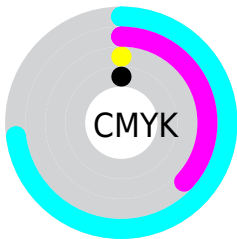
Distribution



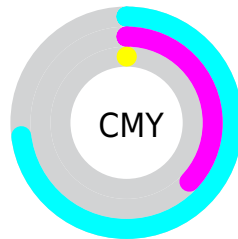
- Red (27%)
- Green (63%)
- Blue (100%)



- Red (27%)
- Yellow (51%)
- Blue (100%)



- Cyan (73%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A0FF 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 46A0FF by changing the saturation by 10% instead.

 46A0FF

 46A0FF

FFFFFF

 0B86E2

 8BD6FF

 006DC6

 AAF3FF

 0055AA

 C9FFFF

 003F8F

 E9FFFF

 002A75

 00165C

 000743

 00032C

 000117

■ 46A0FF

■ 46A0FF

■ 2D93FF

■ 60ADFF

■ 1386FF

■ 79BAFF

■ 007CFF

■ 93C7FF

■ ACD4FF

■ C6E1FF

■ DFEFFF

■ F9FCFF

FFFFFF

Harmonies

Analogous

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



00ADF5



46A0FF



A98DEE

Triad

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



46A0FF



F37968



32B270

Complementary

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



46A0FF



FFA546

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.



7EAA47



46A0FF



DA8B43

Square

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



46A0FF



F67198



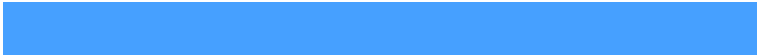
B19D34



00B5A3

Rectangle

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



46A0FF



D080D7



B19D34



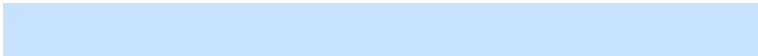
53B061

Sweetspot

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



46A0FF



C7E2FF



46FFA3



5E6E80



000000



808080

Same Dimension

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



46A0FF



218DFF



4646FF



737980



005DBF



001F40

Inverse Universe

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



FF46A0



FF218D



FFFF46



807379



BF005D



40001F

Previews

White Background



This preview shows how the Hex color 46A0FF looks on a white background.

Color Contrast Check

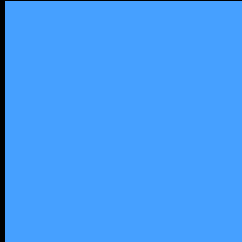
Large Text (above 18pt) WCAG AA × Fail

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 46A0FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

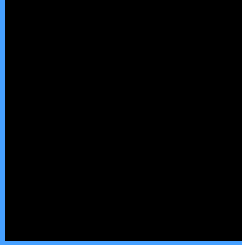
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

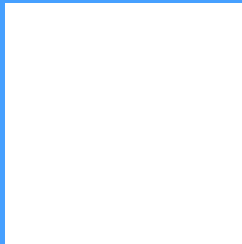
Any Text WCAG AAA ✓ Pass

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

Hex 46A0FF Background



This preview shows how black text looks on a background with the Hex color 46A0FF.

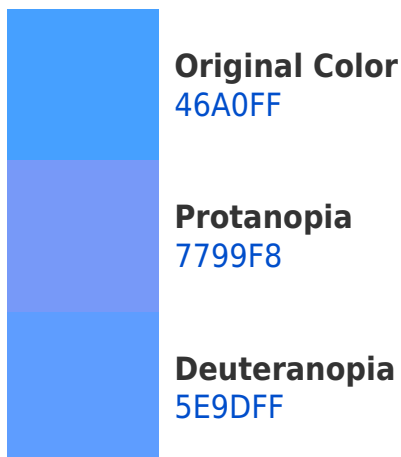


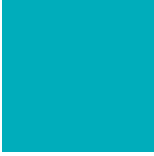
This preview shows how white text looks on a background with the Hex color 46A0FF.

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](#).

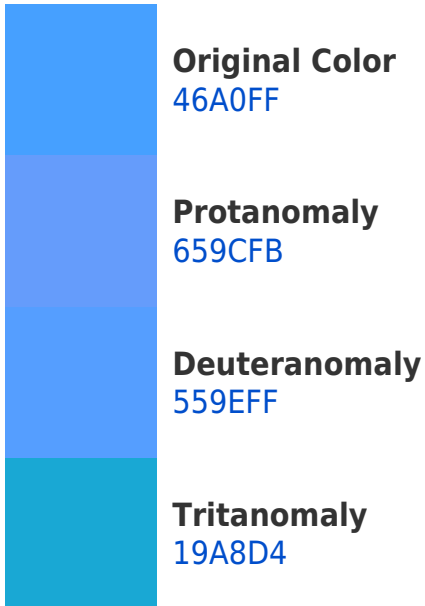
Dichromacy



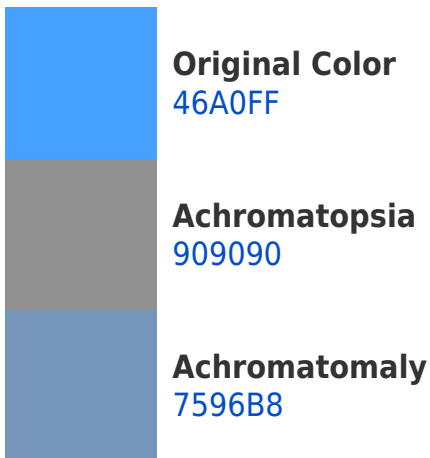


Tritanopia
00ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46A0FF 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 #46A0FF looks like.

```
.text, #text, p{  
    color:#46A0FF  
}
```

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 #46A0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A0FF
}
```

Border

The CSS property to change the border of an element to Hex 46A0FF 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
#46A0FF }
```

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

```
.border{ border-color:#46A0FF }
```

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

Here you see how a box with a 4 pixel #46A0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A0FF; -webkit-box-shadow:4px 4px  
4px 4px #46A0FF; box-shadow:4px 4px 4px  
4px #46A0FF }
```

Background

The CSS property to change the background color of an element to Hex 46A0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A0FF }
```

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

```
.background{ background-color:#46A0FF }
```

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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