

Converting Colors

Hex(46AEFF)

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

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Color

Hex(46AEFF)

Conversions

Conversions Part 1

Format	Color
Hex	46AEFF
RGB	70, 174, 255
RGB Percent	27%, 68%, 100%
CMY	0.7255, 0.3176, 0.0000
CMYK	0.73, 0.32, 0.00, 0.00
HSL	206°, 100%, 64%
HSV	206°, 73%, 100%
XYZ	35.7118, 38.7942, 100.2136
YIQ	152.1380, -87.9850, 3.1430

Conversions

Conversions Part 2

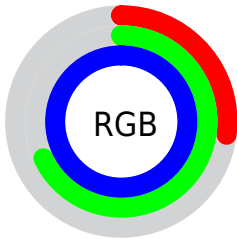
Format	Color
R _Y B	70, 137, 255
Decimal	4632319
CIE Lab	68.60, -3.87, -48.68
CIE LCh	69, 48.832, 265.457
Yxy	38.7942, 0.2044, 0.2220
Android (android.graphics.Color)	4282822399 (0xFF46AEFF)
YUV	152.1380, 50.7110, -72.0350
Hunter-Lab	62.2850, -6.6536, -51.7953

Details

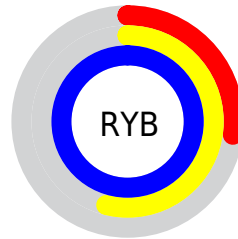
The Hex color **46AEFF** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **FF9746**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8BE5FF**, and **007AC6** is the 20% darker color. If you saturate the color by 10%, you get **2DA3FF**, and if you desaturate by 10%, it is **60B9FF**.

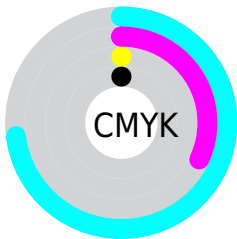
Distribution



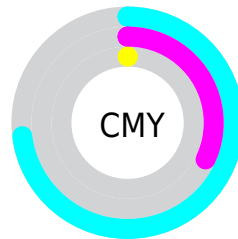
- Red (27%)
- Green (68%)
- Blue (100%)



- Red (27%)
- Yellow (54%)
- Blue (100%)



- Cyan (73%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 46AEFF

 46AEFF

FFFFFF

 0A94E2

 8BE5FF

 007AC6

 ABFFFF

 0061AA

 CAFFFF

 004A8F

 E9FFFF

 003475

 00205C

 000744

 00032D

 000117

■ 46AEFF

■ 46AEFF

■ 2DA3FF

■ 60B9FF

■ 1398FF

■ 79C4FF

■ 008FFF

■ 93CFFF

■ ACDBFF

■ C6E6FF

■ DFF1FF

■ F9FCFF

FFFFFF

Harmonies

Analogous

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



00B8EF



46AEFF



A09EF7

Triad

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



46AEFF



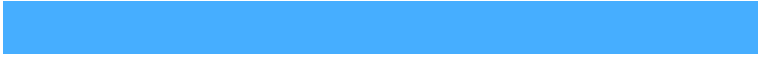
FA8584



66B973

Complementary

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



46AEFF



FF9746

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.



9CB054



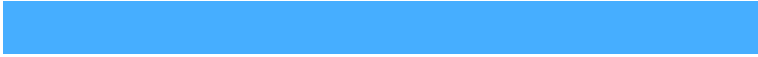
46AEFF



E99260

Square

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



46AEFF



F583B0



C8A34D



00BD9F

Rectangle

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



46AEFF



C893E6



C8A34D



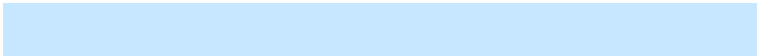
7AB767

Sweetspot

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



46AEFF



C7E6FF



46FF96



5E7180



000000



808080

Same Dimension

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



46AEFF



219EFF



4652FF



737A80



006CBF



002440

Inverse Universe

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



FF46AE



FF219E



FFF346



80737A



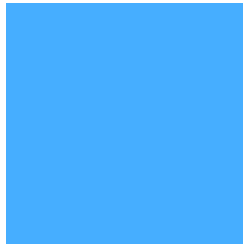
BF006C



400024

Previews

White Background



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

Color Contrast Check

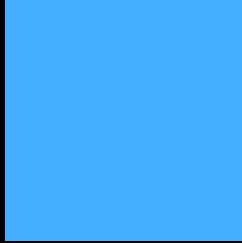
Large Text (above 18pt) WCAG AA × Fail

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 46AEFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

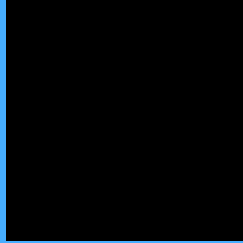
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

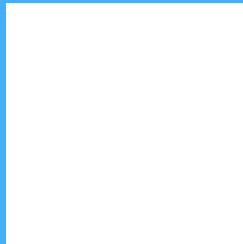
Any Text WCAG AAA ✓ Pass

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

Hex 46AEFF Background



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



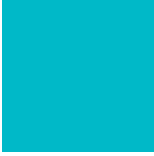
This preview shows how white text looks on a background with the Hex color 46AEFF.

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](#).

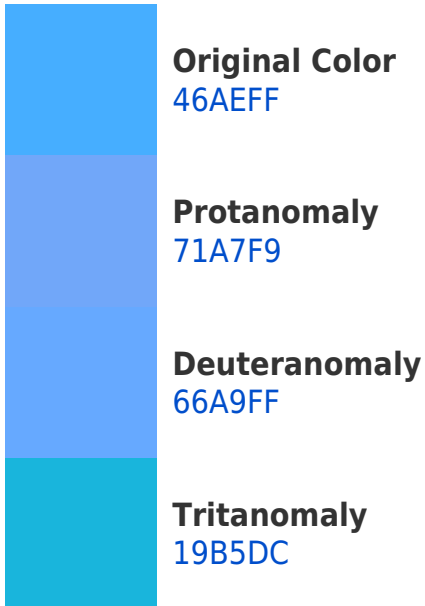
Dichromacy



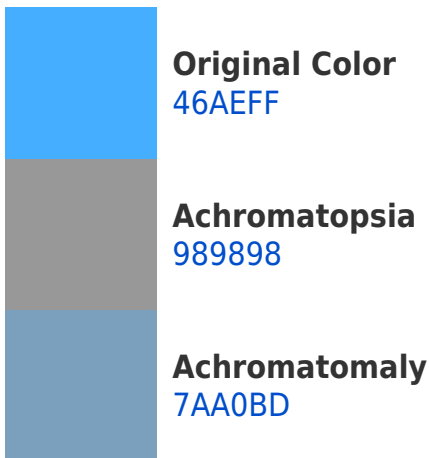


Tritanopia
00B9C8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #46AEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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