

Converting Colors

Hex(46B1F0)

Have a look what the booklet for
Hex(46B1F0) contains.

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Color

Hex(46B1F0)

Conversions

Conversions Part 1

Format	Color
Hex	46B1F0
RGB	70, 177, 240
RGB Percent	27%, 69%, 94%
CMY	0.7255, 0.3059, 0.0588
CMYK	0.71, 0.26, 0.00, 0.06
HSL	202°, 85%, 61%
HSV	202°, 71%, 94%
XYZ	33.9761, 39.0376, 88.1824
YIQ	152.1890, -83.9950, -3.0910

Conversions

Conversions Part 2

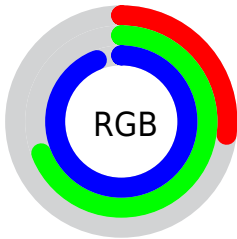
Format	Color
R _Y B	70, 136, 240
Decimal	4633072
CIE Lab	68.78, -10.57, -40.26
CIE LCh	69, 41.620, 255.285
Yxy	39.0376, 0.2108, 0.2422
Android (android.graphics.Color)	4282823152 (0xFF46B1F0)
YUV	152.1890, 43.2908, -72.0798
Hunter-Lab	62.4801, -12.2736, -39.9439

Details

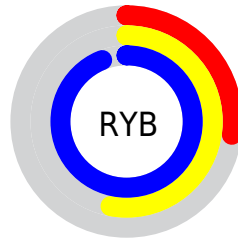
The Hex color **46B1F0** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **F08546**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **89E9FF**, and **007DB8** is the 20% darker color. If you saturate the color by 10%, you get **2EA8F0**, and if you desaturate by 10%, it is **5EBAF0**.

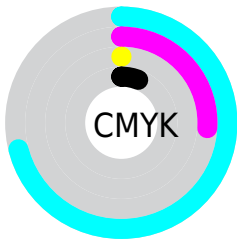
Distribution



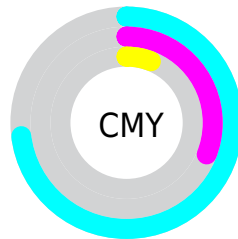
- Red (27%)
- Green (69%)
- Blue (94%)



- Red (27%)
- Yellow (53%)
- Blue (94%)



- Cyan (71%)
- Magenta (26%)
- Yellow (0%)
- Black (6%)



- Cyan (73%)
- Magenta (31%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46B1F0 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 46B1F0 by changing the saturation by 10% instead.

 46B1F0

 46B1F0

FFFFFF

 1296D3

 89E9FF

 007DB8

 A8FFFF

 00649D

 C7FFFF

 004C82

 E5FFFF

 003669

 002150

 000539

 000223

 000009

■ 46B1F0

■ 46B1F0

■ 2EA8F0

■ 5EBAF0

■ 169FF0

■ 76C3F0

■ 0097F0

■ 8ECCF0

■ A6D5F0

■ BEDDF0

■ D6E6F0

■ EEEFF0

■ FFF8F0

■ FFFFF0

Harmonies

Analogous

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



00B9DC



46B1F0



8FA5F0

Triad

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



46B1F0



F18A96



82B571

Complementary

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



46B1F0



F08546

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.



ADAC5D



46B1F0



E89274

Square

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



46B1F0



E58CBC



D09F5F



4FBA93

Rectangle

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



46B1F0



B49BE5



D09F5F



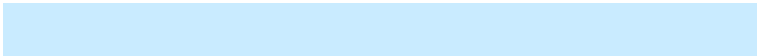
91B269

Sweetspot

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



46B1F0



C9EBFF



46F084



607480



000000



808080

Same Dimension

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



46B1F0



26AFFF



465DF0



6C7378



0074B8



002338

Inverse Universe

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



F046B1



FF26AF



F0D946



786C73



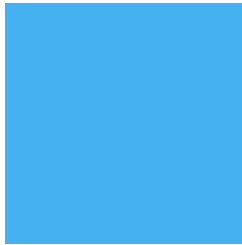
B80074



380023

Previews

White Background



This preview shows how the Hex color 46B1F0 looks on a white background.

Color Contrast Check

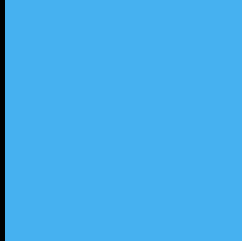
Large Text (above 18pt) WCAG AA × Fail

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 46B1F0 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

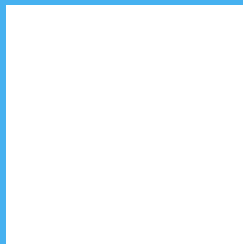
Any Text WCAG AAA ✓ Pass

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

Hex 46B1F0 Background



This preview shows how black text looks on a background with the Hex color 46B1F0.

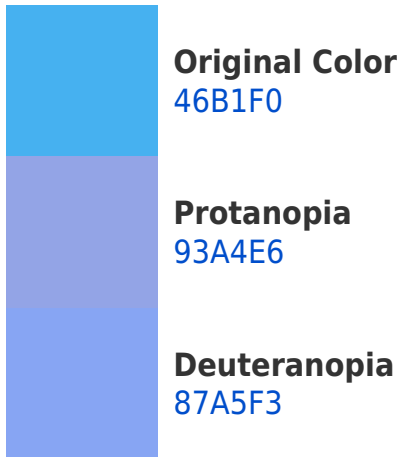


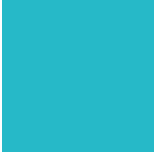
This preview shows how white text looks on a background with the Hex color 46B1F0.

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](#).

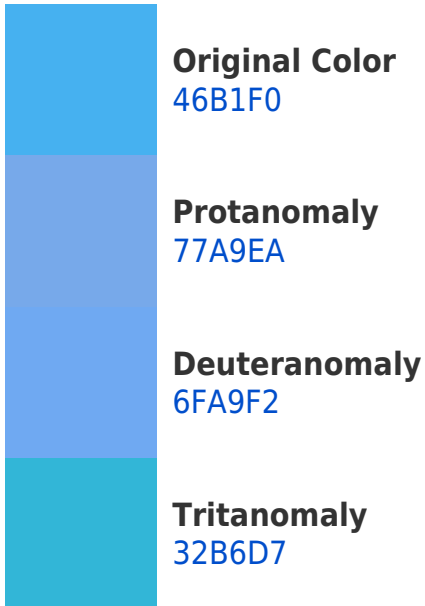
Dichromacy



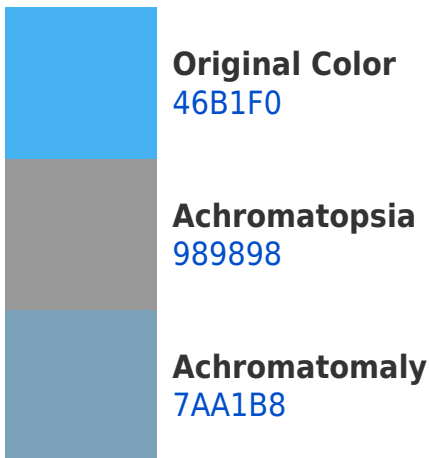


Tritanopia
26B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46B1F0 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 #46B1F0 looks like.

```
.text, #text, p{  
    color:#46B1F0  
}
```

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 #46B1F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B1F0
}
```

Border

The CSS property to change the border of an element to Hex 46B1F0 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
#46B1F0 }
```

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

```
.border{ border-color:#46B1F0 }
```

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

Here you see how a box with a 4 pixel #46B1F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B1F0; -webkit-box-shadow:4px 4px  
4px 4px #46B1F0; box-shadow:4px 4px 4px  
4px #46B1F0 }
```

Background

The CSS property to change the background color of an element to Hex 46B1F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B1F0 }
```

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

```
.background{ background-color:#46B1F0 }
```

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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