

Converting Colors

Hex(46B5FF)

Have a look what the booklet for
Hex(46B5FF) contains.

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Color

Hex(46B5FF)

Conversions

Conversions Part 1

Format	Color
Hex	46B5FF
RGB	70, 181, 255
RGB Percent	27%, 71%, 100%
CMY	0.7255, 0.2902, 0.0000
CMYK	0.73, 0.29, 0.00, 0.00
HSL	204°, 100%, 64%
HSV	204°, 73%, 100%
XYZ	37.0997, 41.5698, 100.6762
YIQ	156.2470, -89.9100, -0.5180

Conversions

Conversions Part 2

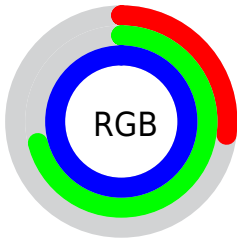
Format	Color
R _Y B	70, 139, 255
Decimal	4634111
CIE Lab	70.57, -7.75, -45.58
CIE LCh	71, 46.233, 260.349
Yxy	41.5698, 0.2069, 0.2318
Android (android.graphics.Color)	4282824191 (0xFF46B5FF)
YUV	156.2470, 48.6852, -75.6386
Hunter-Lab	64.4747, -10.1192, -47.4481

Details

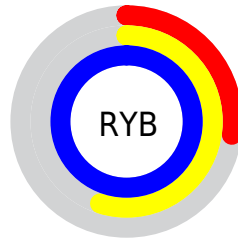
The Hex color **46B5FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FF9046**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **8BEDFF**, and **0080C6** is the 20% darker color. If you saturate the color by 10%, you get **2DABFF**, and if you desaturate by 10%, it is **60BFFF**.

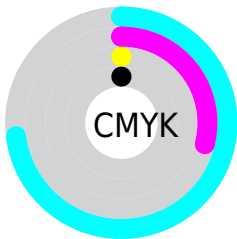
Distribution



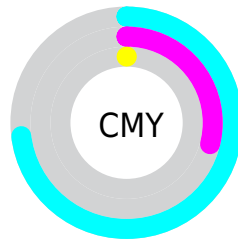
- Red (27%)
- Green (71%)
- Blue (100%)



- Red (27%)
- Yellow (55%)
- Blue (100%)



- Cyan (73%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46B5FF 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 46B5FF by changing the saturation by 10% instead.

 46B5FF

 46B5FF

FFFFFF

 099AE2

 8BEDFF

 0080C6

 ABFFFF

 0068AA

 CAFFFF

 005090

 E9FFFF

 003975

 00245C

 000B44

 00032D

 000118

 46B5FF

 46B5FF

 2DABFF

 60BFFF

 13A1FF

 79C9FF

 0099FF

 93D4FF

 ACDEFF

 C6E8FF

 DFF2FF

 F9FCFF

FFFFFF

Harmonies

Analogous

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



00BEEC



46B5FF



9BA7FB

Triad

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



46B5FF



FD8C92



79BD75

Complementary

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



46B5FF



FF9046

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.



AAB35B



46B5FF



F0966D

Square

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



46B5FF



F48CBC



D2A659



34C29D

Rectangle

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



46B5FF



C39CED



D2A659



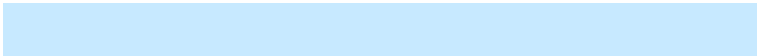
8BBA6B

Sweetspot

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



46B5FF



C7E9FF



46FF90



5E7280



000000



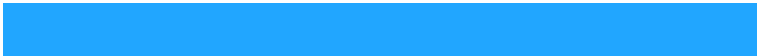
808080

Same Dimension

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



46B5FF



21A6FF



4658FF



737A80



0073BF



002640

Inverse Universe

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



FF46B5



FF21A6



FFEC46



80737A



BF0073



400026

Previews

White Background



This preview shows how the Hex color 46B5FF looks on a white background.

Color Contrast Check

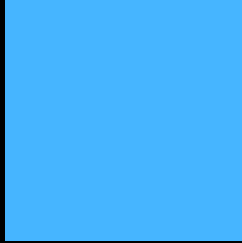
Large Text (above 18pt) WCAG AA × Fail

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 46B5FF 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

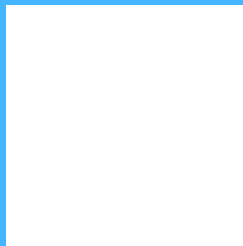
Any Text WCAG AAA ✓ Pass

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

Hex 46B5FF Background



This preview shows how black text looks on a background with the Hex color 46B5FF.

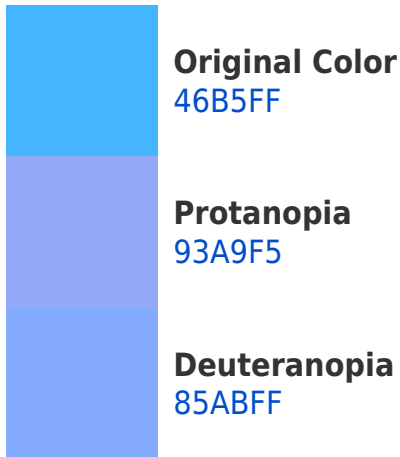


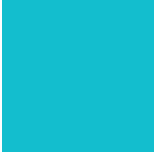
This preview shows how white text looks on a background with the Hex color 46B5FF.

Color Blindness Simulation

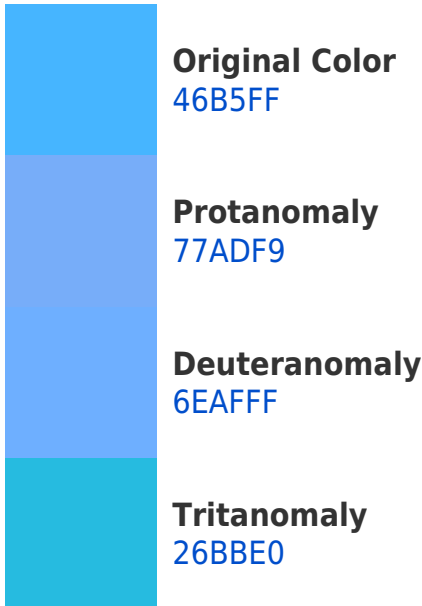
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

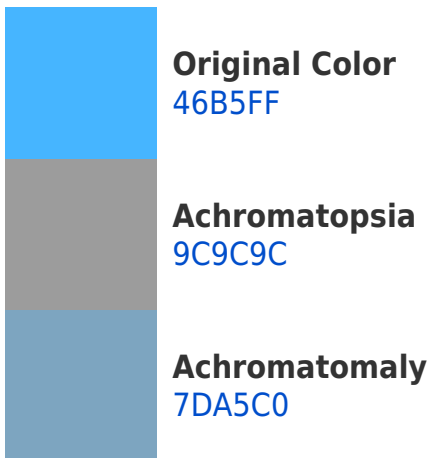




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46B5FF 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 #46B5FF looks like.

```
.text, #text, p{  
    color:#46B5FF  
}
```

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 #46B5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B5FF
}
```

Border

The CSS property to change the border of an element to Hex 46B5FF 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
#46B5FF }
```

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

```
.border{ border-color:#46B5FF }
```

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

Here you see how a box with a 4 pixel #46B5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B5FF; -webkit-box-shadow:4px 4px  
4px 4px #46B5FF; box-shadow:4px 4px 4px  
4px #46B5FF }
```

Background

The CSS property to change the background color of an element to Hex 46B5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B5FF }
```

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

```
.background{ background-color:#46B5FF }
```

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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