

Converting Colors

Hex(46CFF1)

Have a look what the booklet for
Hex(46CFF1) contains.

Hex(46CFF1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(46CFF1)

Conversions

Conversions Part 1

Format	Color
Hex	46CFF1
RGB	70, 207, 241
RGB Percent	27%, 81%, 95%
CMY	0.7255, 0.1882, 0.0549
CMYK	0.71, 0.14, 0.00, 0.05
HSL	192°, 86%, 61%
HSV	192°, 71%, 95%
XYZ	40.7158, 52.2786, 91.1639
YIQ	169.9130, -92.5660, -18.4700

Conversions

Conversions Part 2

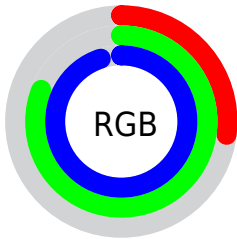
Format	Color
R_{YB}	70, 146, 241
Decimal	4640753
CIE _{Lab}	77.45, -25.87, -27.39
CIE _{LCh}	77, 37.676, 226.628
Yxy	52.2786, 0.2211, 0.2839
Android (android.graphics.Color)	4282830833 (0xFF46CFF1)
YUV	169.9130, 35.0459, -87.6237
Hunter-Lab	72.3040, -26.0150, -24.1426

Details

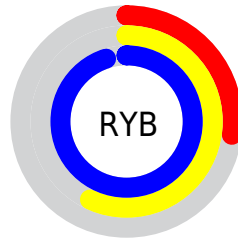
The Hex color **46CFF1** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **F16846**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8BFFFF**, and **0098B9** is the 20% darker color. If you saturate the color by 10%, you get **2ECAF1**, and if you desaturate by 10%, it is **5ED4F1**.

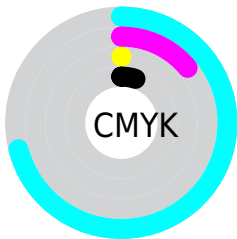
Distribution



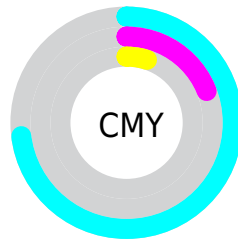
- Red (27%)
- Green (81%)
- Blue (95%)



- Red (27%)
- Yellow (57%)
- Blue (95%)



- Cyan (71%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (73%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46CFF1 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 46CFF1 by changing the saturation by 10% instead.

 46CFF1

 46CFF1

FFFFFF

 0BB3D5

 8BFFFF

 0098B9

 AAFFFF

 007E9E

 C9FFFF

 006584

 E8FFFF

 004D6A

 003652

 00223B

 000225

 00010E

 46CFF1

 46CFF1

 2ECAF1

 5ED4F1

 16C5F1

 76D9F1

 00C1F1

 8EDDF1

 A6E2F1

 BFE7F1

 D7ECF1

 EFF1F1

 FFF5F1

 FFFAF1

Harmonies

Analogous

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



49D2D2



46CFF1



75C7FF

Triad

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



46CFF1



FAA6D0



C3C37C

Complementary

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



46CFF1



F16846

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.



E5B87C



46CFF1



FFA5AD

Square

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



46CFF1



DCAFF0



FCAC8E



9CCC8E

Rectangle

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



46CFF1



9BC0FF



FCAC8E



CFC079

Sweetspot

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



46CFF1



C9F4FF



46F165



607980



000000



808080

Same Dimension

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



46CFF1



26D4FF



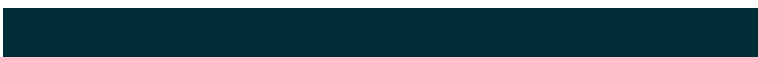
467CF1



6C7578



0093B8



002D38

Inverse Universe

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



F146CF



FF26D4



F1BB46



786C75



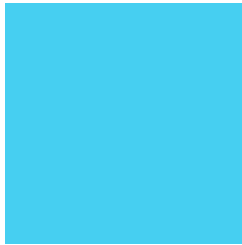
B80093



38002D

Previews

White Background



This preview shows how the Hex color 46CFF1 looks on a white background.

Color Contrast Check

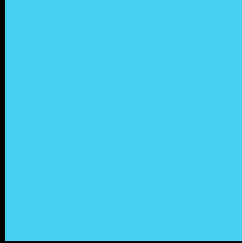
Large Text (above 18pt) WCAG AA × Fail

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 46CFF1 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 46CFF1 Background



This preview shows how black text looks on a background with the Hex color 46CFF1.

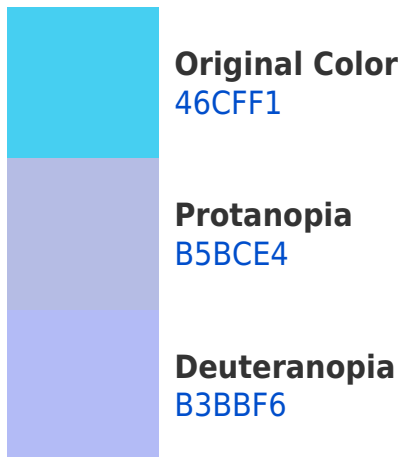


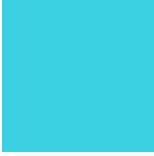
This preview shows how white text looks on a background with the Hex color 46CFF1.

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](#).

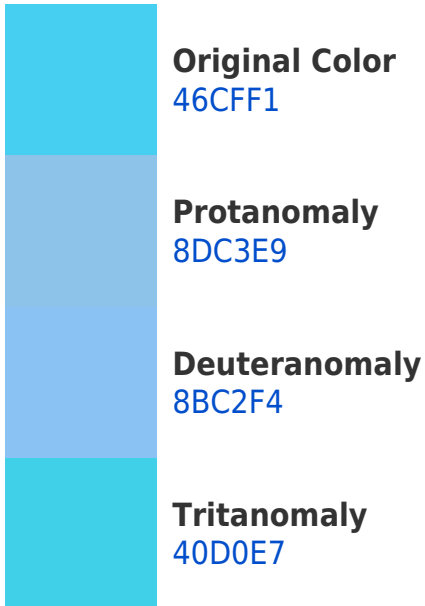
Dichromacy



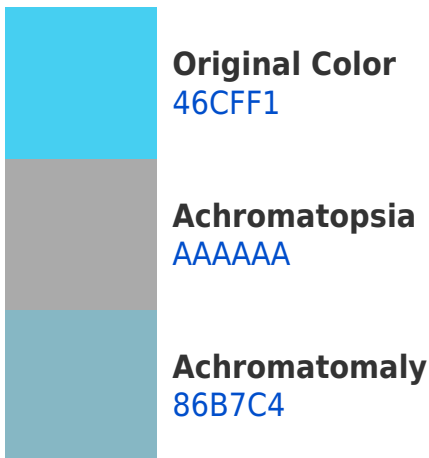


Tritanopia
3CD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46CFF1 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 #46CFF1 looks like.

```
.text, #text, p{  
    color:#46CFF1  
}
```

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 #46CFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46CFF1
}
```

Border

The CSS property to change the border of an element to Hex 46CFF1 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
#46CFF1 }
```

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

```
.border{ border-color:#46CFF1 }
```

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

Here you see how a box with a 4 pixel #46CFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46CFF1; -webkit-box-shadow:4px 4px  
4px 4px #46CFF1; box-shadow:4px 4px 4px  
4px #46CFF1 }
```

Background

The CSS property to change the background color of an element to Hex 46CFF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46CFF1 }
```

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

```
.background{ background-color:#46CFF1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor