

Converting Colors

Hex(46CFC8)

Have a look what the booklet for
Hex(46CFC8) contains.

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Color

Hex(46CFC8)

Conversions

Conversions Part 1

Format	Color
Hex	46CFC8
RGB	70, 207, 200
RGB Percent	27%, 81%, 78%
CMY	0.7255, 0.1882, 0.2157
CMYK	0.66, 0.00, 0.03, 0.19
HSL	177°, 59%, 54%
HSV	177°, 66%, 81%
XYZ	35.2639, 50.0979, 62.4548
YIQ	165.2390, -79.4050, -31.2210

Conversions

Conversions Part 2

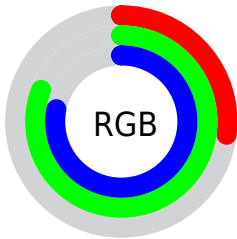
Format	Color
RYB	70, 140, 207
Decimal	4640712
CIELab	76.13, -37.83, -7.33
CIELCh	76, 38.532, 190.968
Yxy	50.0979, 0.2386, 0.3389
Android (android.graphics.Color)	4282830792 (0xFF46CFC8)
YUV	165.2390, 17.1372, -83.5246
Hunter-Lab	70.7798, -34.9325, -2.7705

Details

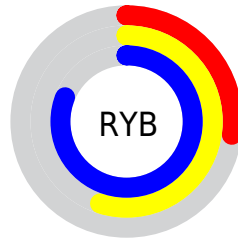
The Hex color **46CFC8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CF464D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **87FFFF**, and **009892** is the 20% darker color. If you saturate the color by 10%, you get **31CFC7**, and if you desaturate by 10%, it is **5BCFC9**.

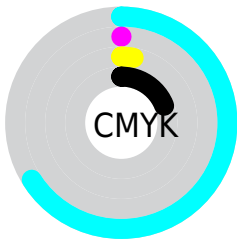
Distribution



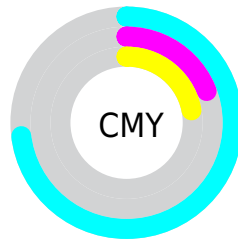
- Red (27%)
- Green (81%)
- Blue (78%)



- Red (27%)
- Yellow (55%)
- Blue (81%)



- Cyan (66%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (73%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46CFC8 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 46CFC8 by changing the saturation by 10% instead.

 46CFC8

 46CFC8

FFFFFF

 18B3AD

 87FFFF

 009892

 A5FFFF

 007E78

 C4FFFF

 006460

 E2FFFF

 004B48

 003432

 001E1D

 000002

 000000

 46CFC8

 46CFC8

 31CFC7

 5BCFC9

 1DCFC6

 6FCFCA

 08CFC5

 84CFCB

 00CFC4

 99CFCC

 ADCFCD

 C2CFCE

 D7CFCF

 ECCFD0

 FFCFD2

Harmonies

Analogous

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



74CDA3



46CFC8



34CDE9

Triad

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



46CFC8



D1AEF2



E7B279

Complementary

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



46CFC8



CF464D

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.



FCA68F



46CFC8



F3A3D4

Square

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



46CFC8



9EBBFF



FFA0B0



C7BE75

Rectangle

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



46CFC8



50C9F9



FFA0B0



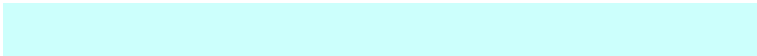
F0AE7E

Sweetspot

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



46CFC8



CCFFFC



4FCF46



61807E



000000



808080

Same Dimension

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



46CFC8



36FFF5



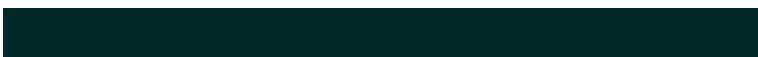
4694CF



5E6968



00A8A0



002927

Inverse Universe

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



CF464D



FF3640



CF8146



695E5F



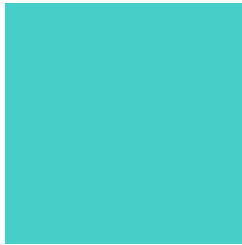
A80009



290002

Previews

White Background



This preview shows how the Hex color 46CFC8 looks on a white background.

Color Contrast Check

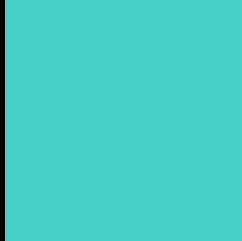
Large Text (above 18pt) WCAG AA × Fail

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 46CFC8 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

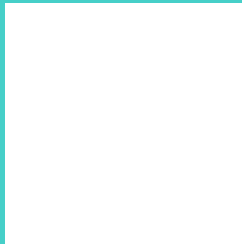
Any Text WCAG AAA ✓ Pass

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

Hex 46CFC8 Background



This preview shows how black text looks on a background with the Hex color 46CFC8.

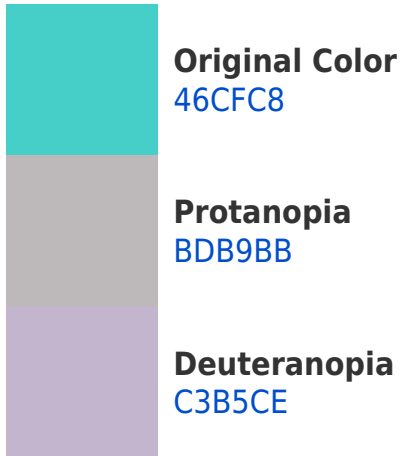


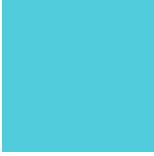
This preview shows how white text looks on a background with the Hex color 46CFC8.

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



Original Color
46CFC8



Protanomaly
92C1C0



Deuteranomaly
96BECC

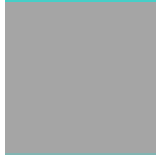


Tritanomaly
4CCDD5

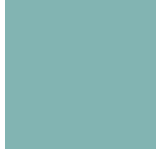
Monochromacy



Original Color
46CFC8



Achromatopsia
A5A5A5



Achromatomaly
82B4B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 46CFC8 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 #46CFC8 looks like.

```
.text, #text, p{  
    color:#46CFC8  
}
```

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 #46CFC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46CFC8
}
```

Border

The CSS property to change the border of an element to Hex 46CFC8 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
#46CFC8 }
```

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

```
.border{ border-color:#46CFC8 }
```

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

Here you see how a box with a 4 pixel #46CFC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46CFC8; -webkit-box-shadow:4px 4px  
4px 4px #46CFC8; box-shadow:4px 4px 4px  
4px #46CFC8 }
```

Background

The CSS property to change the background color of an element to Hex 46CFC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46CFC8 }
```

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

```
.background{ background-color:#46CFC8 }
```

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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