

Converting Colors

Hex(46C3CE)

Have a look what the booklet for
Hex(46C3CE) contains.

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Color

Hex(46C3CE)

Conversions

Conversions Part 1

Format	Color
Hex	46C3CE
RGB	70, 195, 206
RGB Percent	27%, 76%, 81%
CMY	0.7255, 0.2353, 0.1922
CMYK	0.66, 0.05, 0.00, 0.19
HSL	185°, 58%, 54%
HSV	185°, 66%, 81%
XYZ	33.1815, 44.7885, 65.2887
YIQ	158.8790, -78.0310, -23.0790

Conversions

Conversions Part 2

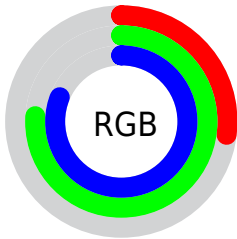
Format	Color
R _{YB}	70, 135, 206
Decimal	4637646
CIE Lab	72.75, -30.49, -15.63
CIE LCh	73, 34.262, 207.141
Yxy	44.7885, 0.2316, 0.3126
Android (android.graphics.Color)	4282827726 (0xFF46C3CE)
YUV	158.8790, 23.2307, -77.9469
Hunter-Lab	66.9242, -28.6160, -10.9941

Details

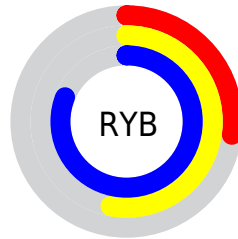
The Hex color **46C3CE** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CE5146**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **86FCFF**, and **008D98** is the 20% darker color. If you saturate the color by 10%, you get **31C1CE**, and if you desaturate by 10%, it is **5BC5CE**.

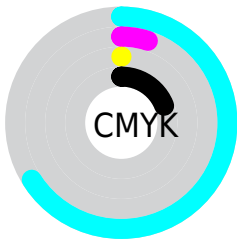
Distribution



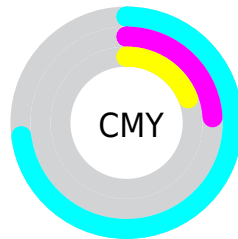
- Red (27%)
- Green (76%)
- Blue (81%)



- Red (27%)
- Yellow (53%)
- Blue (81%)



- Cyan (66%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (73%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46C3CE 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 46C3CE by changing the saturation by 10% instead.

 46C3CE

 46C3CE

FFFFFF

 1AA8B3

 86FCFF

 008D98

 A4FFFF

 00737E

 C2FFFF


 005A65

 E1FFFF

 00424D

 002B36

 001321

 000008

 000000

■ 46C3CE

■ 46C3CE

■ 31C1CE

■ 5BC5CE

■ 1DC0CE

■ 6FC6CE

■ 08BECE

■ 84C8CE

■ 00BDCE

■ 98CACE

■ ADCBCE

■ C2CDCE

■ D6CFCE

■ EBD0CE

■ FFD2CE

Harmonies

Analogous

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



60C3AE



46C3CE



55BFE6

Triad

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



46C3CE



D8A1D5



CBB074

Complementary

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



46C3CE



CE5146

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.



E3A57F



46C3CE



ED9BB7

Square

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



46C3CE



B2ACEA



F09D97



AAB97A

Rectangle

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



46C3CE



73BAEF



F09D97



D4AC76

Sweetspot

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



46C3CE



CCFBFF



46CE4F



617D80



000000



808080

Same Dimension

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



46C3CE



36EFFF



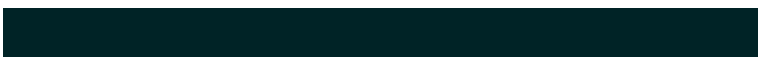
4681CE



5C6566



0098A6



002326

Inverse Universe

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



CE46C3



FF36EF



CE9346



665C65



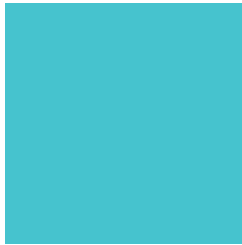
A60098



260023

Previews

White Background



This preview shows how the Hex color 46C3CE looks on a white background.

Color Contrast Check

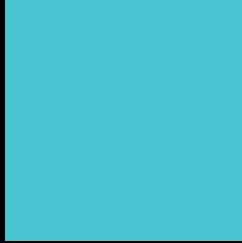
Large Text (above 18pt) WCAG AA × Fail

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 46C3CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

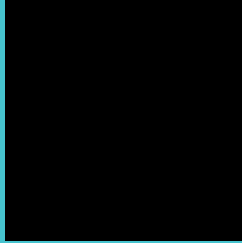
Any Text WCAG AA ✓ Pass

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 46C3CE Background



This preview shows how black text looks on a background with the Hex color 46C3CE.

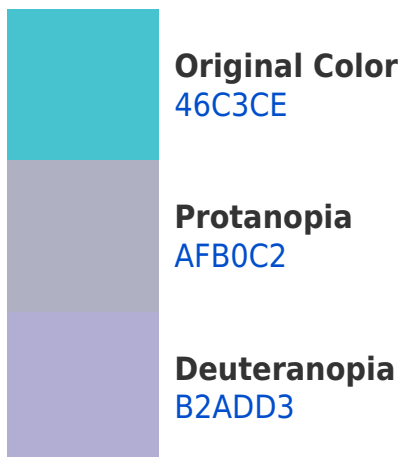


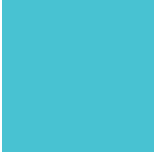
This preview shows how white text looks on a background with the Hex color 46C3CE.

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
48C2D2

Trichromacy



Original Color
46C3CE



Protanomaly
89B7C6



Deuteranomaly
8BB5D1

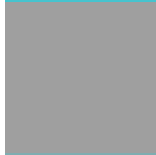


Tritanomaly
47C2D1

Monochromacy



Original Color
46C3CE



Achromatopsia
9F9F9F



Achromatomaly
7FACB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 46C3CE 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 #46C3CE looks like.

```
.text, #text, p{  
    color:#46C3CE  
}
```

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 #46C3CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C3CE
}
```

Border

The CSS property to change the border of an element to Hex 46C3CE 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
#46C3CE }
```

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

```
.border{ border-color:#46C3CE }
```

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

Here you see how a box with a 4 pixel #46C3CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C3CE; -webkit-box-shadow:4px 4px  
4px 4px #46C3CE; box-shadow:4px 4px 4px  
4px #46C3CE }
```

Background

The CSS property to change the background color of an element to Hex 46C3CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C3CE }
```

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

```
.background{ background-color:#46C3CE }
```

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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