

Converting Colors

Hex(46C0C4)

Have a look what the booklet for
Hex(46C0C4) contains.

Hex(46C0C4)	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(46C0C4)

Conversions

Conversions Part 1

Format	Color
Hex	46C0C4
RGB	70, 192, 196
RGB Percent	27%, 75%, 77%
CMY	0.7255, 0.2471, 0.2314
CMYK	0.64, 0.02, 0.00, 0.23
HSL	182°, 52%, 52%
HSV	182°, 64%, 77%
XYZ	31.3392, 42.9869, 58.8701
YIQ	155.9780, -73.9960, -24.6200

Conversions

Conversions Part 2

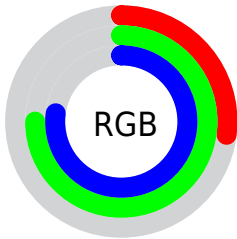
Format	Color
RYB	70, 132, 196
Decimal	4636868
CIELab	71.55, -31.93, -11.99
CIELCh	72, 34.107, 200.584
Yxy	42.9869, 0.2353, 0.3227
Android (android.graphics.Color)	4282826948 (0xFF46C0C4)
YUV	155.9780, 19.7308, -75.4027
Hunter-Lab	65.5644, -29.4162, -7.3413

Details

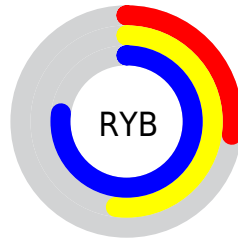
The Hex color **46C0C4** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C44A46**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **85F9FD**, and **008A8E** is the 20% darker color. If you saturate the color by 10%, you get **32BFC4**, and if you desaturate by 10%, it is **5AC1C4**.

Distribution



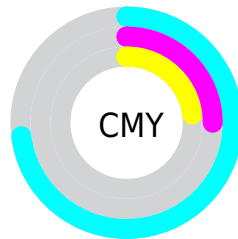
- Red (27%)
- Green (75%)
- Blue (77%)



- Red (27%)
- Yellow (52%)
- Blue (77%)



- Cyan (64%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (73%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46C0C4 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 46C0C4 by changing the saturation by 10% instead.

 46C0C4

 46C0C4

FFFFFF

 1CA5A9

 85F9FD

 008A8E

 A3FFFF

 007075

 C1FFFF

 00575C

 DFFFFF

 003F45

 FDFFFF

 00292E

 000C1A

 000000

 46C0C4

 46C0C4

 32BFC4

 5AC1C4

 1FBFC4

 6DC1C4

 0BBEC4

 81C2C4

 00BEC4

 94C2C4

 A8C3C4

 BCC4C4

 CFC4C4

 E3C5C4

 F6C6C4

Harmonies

Analogous

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



65C0A4



46C0C4



4BBDDE

Triad

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



46C0C4



CDA0D7



CDA A72

Complementary

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



46C0C4



C44A46

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.



E4A080



46C0C4



E699BA

Square

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



46C0C4



A5ABE9



ED999B



AFB474

Rectangle

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



46C0C4



65B8E9



ED999B



D6A675

Sweetspot

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



46C0C4



CFFDFF



46C448



627F80



000000



808080

Same Dimension

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



46C0C4



3BF9FF



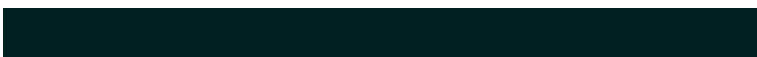
4683C4



576161



009CA1



002021

Inverse Universe

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



C446C0



FF3BF9



C48746



615761



A1009C



210020

Previews

White Background



This preview shows how the Hex color 46C0C4 looks on a white background.

Color Contrast Check

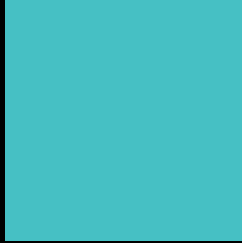
Large Text (above 18pt) WCAG AA × Fail

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 46C0C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

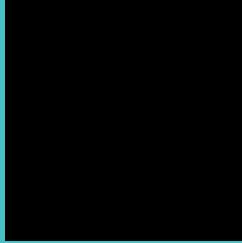
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

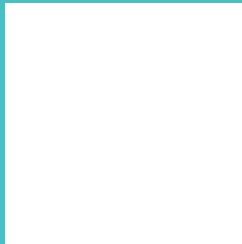
Any Text WCAG AAA ✓ Pass

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

Hex 46C0C4 Background



This preview shows how black text looks on a background with the Hex color 46C0C4.

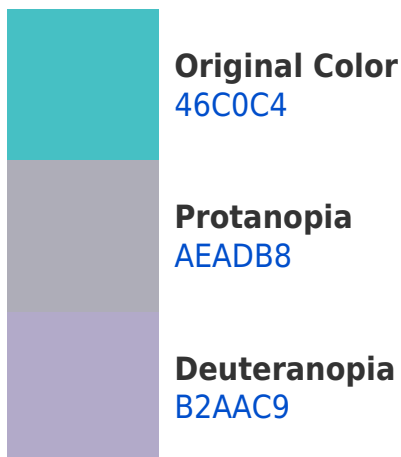


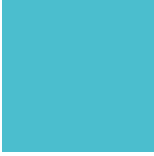
This preview shows how white text looks on a background with the Hex color 46C0C4.

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](#).

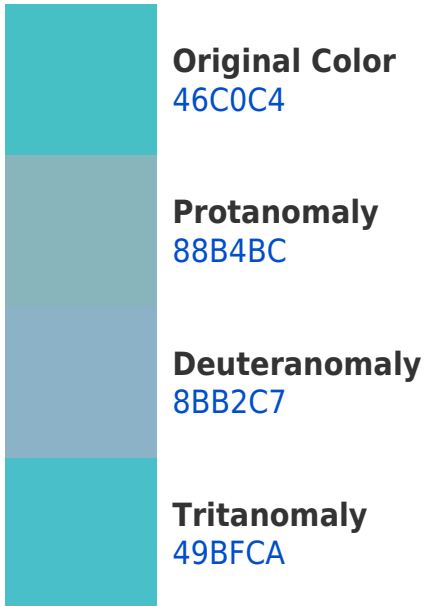
Dichromacy



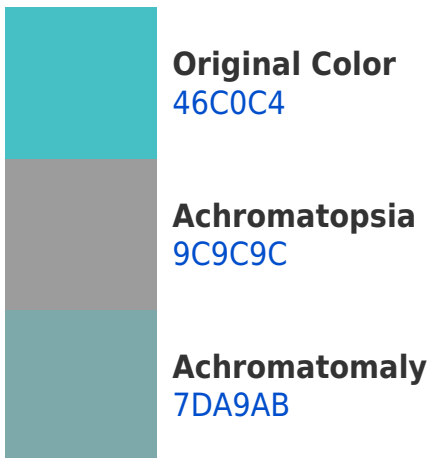


Tritanopia
4BBECE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46C0C4 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 #46C0C4 looks like.

```
.text, #text, p{  
    color:#46C0C4  
}
```

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 #46C0C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46C0C4
}
```

Border

The CSS property to change the border of an element to Hex 46C0C4 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
#46C0C4 }
```

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

```
.border{ border-color:#46C0C4 }
```

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

Here you see how a box with a 4 pixel #46C0C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46C0C4; -webkit-box-shadow:4px 4px  
4px 4px #46C0C4; box-shadow:4px 4px 4px  
4px #46C0C4 }
```

Background

The CSS property to change the background color of an element to Hex 46C0C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46C0C4 }
```

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

```
.background{ background-color:#46C0C4 }
```

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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