

Converting Colors

Hex(46ADC4)

Have a look what the booklet for
Hex(46ADC4) contains.

Hex(46ADC4)	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(46ADC4)

Conversions

Conversions Part 1

Format	Color
Hex	46ADC4
RGB	70, 173, 196
RGB Percent	27%, 68%, 77%
CMY	0.7255, 0.3216, 0.2314
CMYK	0.64, 0.12, 0.00, 0.23
HSL	191°, 52%, 52%
HSV	191°, 64%, 77%
XYZ	27.4332, 35.1748, 57.5681
YIQ	144.8250, -68.7710, -14.6830

Conversions

Conversions Part 2

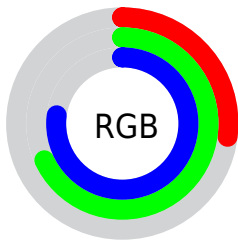
Format	Color
RYB	70, 127, 196
Decimal	4632004
CIELab	65.88, -22.52, -20.54
CIELCh	66, 30.480, 222.373
Yxy	35.1748, 0.2283, 0.2927
Android (android.graphics.Color)	4282822084 (0xFF46ADC4)
YUV	144.8250, 25.2293, -65.6215
Hunter-Lab	59.3083, -21.2240, -16.0345

Details

The Hex color **46ADC4** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C45D46**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **83E5FD**, and **00788E** is the 20% darker color. If you saturate the color by 10%, you get **32A9C4**, and if you desaturate by 10%, it is **5AB1C4**.

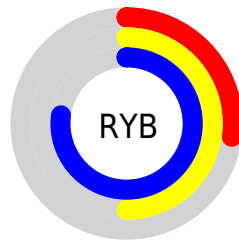
Distribution



Red (27%)

Green (68%)

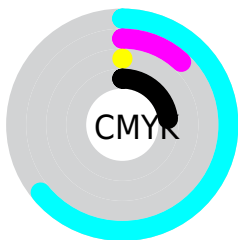
Blue (77%)



Red (27%)

Yellow (50%)

Blue (77%)

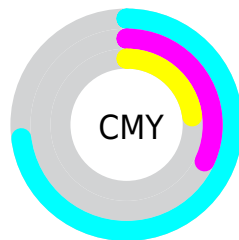


Cyan (64%)

Magenta (12%)

Yellow (0%)

Black (23%)



Cyan (73%)

Magenta (32%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46ADC4 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 46ADC4 by changing the saturation by 10% instead.

 46ADC4

 46ADC4

FFFFFF

 1F92A9

 83E5FD

 00788E

 A1FFFF

 005F75

 BEFFFF

 00475C

 DCFFFF

 003144

 FAFFFF

 001E2E

 000119

 000000

 46ADC4

 46ADC4

■ 32A9C4

■ 5AB1C4

■ 1FA6C4

■ 6DB4C4

■ 0BA2C4

■ 81B8C4

■ 00A0C4

■ 94BBC4

■ A8BFC4

■ BCC2C4

■ CFC6C4

■ E3CAC4

■ F6CDC4

Harmonies

Analogous

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



4CAFAB



46ADC4



63A7D4

Triad

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



46ADC4



CC8DB1



A8A26A

Complementary

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



46ADC4



C45D46

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.



C1996C



46ADC4



D68C96

Square

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



46ADC4



B295C9



D2907C



89A977

Rectangle

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



46ADC4



7FA2D6



D2907C



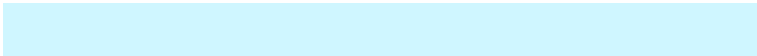
B19F69

Sweetspot

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



46ADC4



CFF6FF



46C45B



627A80



000000



808080

Same Dimension

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



46ADC4



3BDBFF



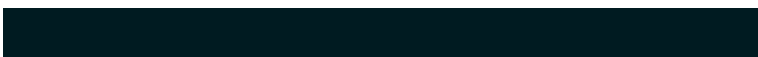
4670C4



575F61



0083A1



001B21

Inverse Universe

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



C446AD



FF3BDB



C49A46



61575F



A10083



21001B

Previews

White Background



This preview shows how the Hex color 46ADC4 looks on a white background.

Color Contrast Check

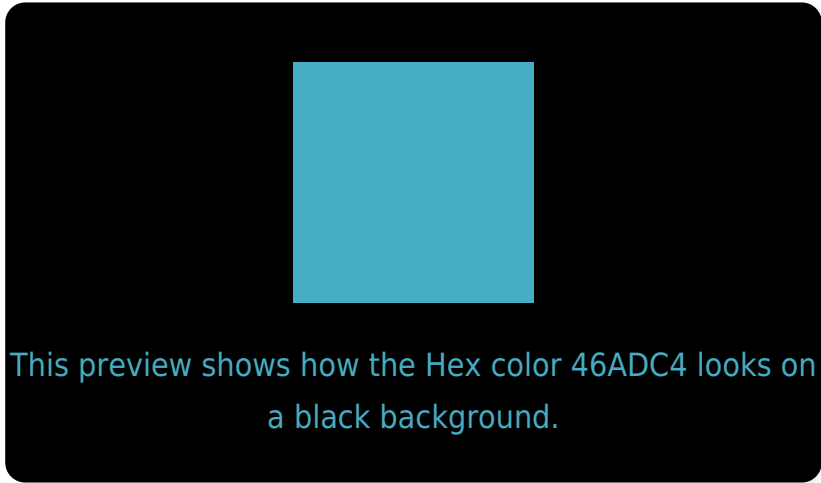
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

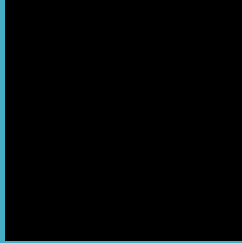
Any Text WCAG AA ✓ Pass

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 46ADC4 Background



This preview shows how black text looks on a background with the Hex color 46ADC4.

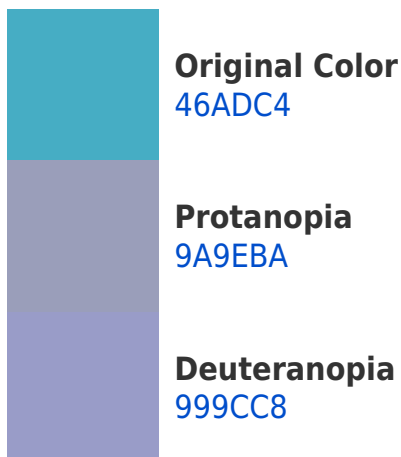


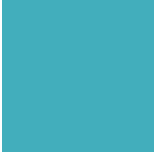
This preview shows how white text looks on a background with the Hex color 46ADC4.

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](#).

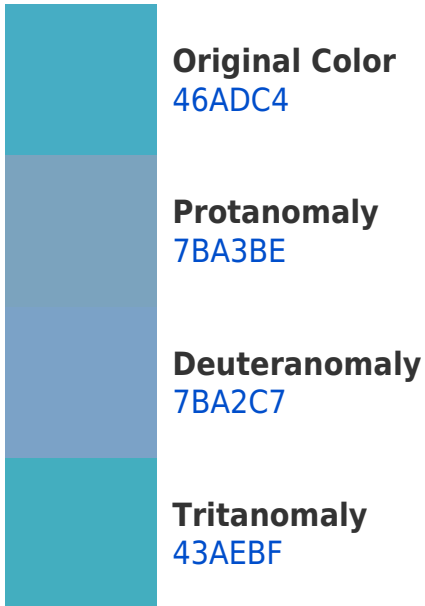
Dichromacy



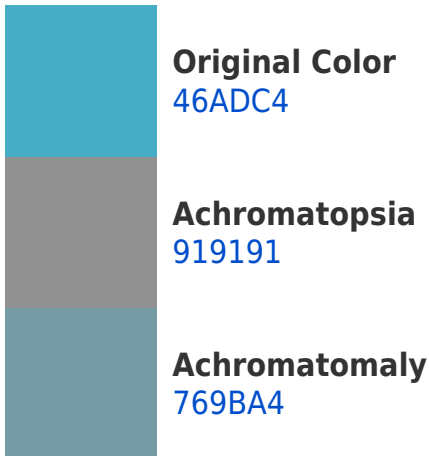


Tritanopia
42AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46ADC4 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 #46ADC4 looks like.

```
.text, #text, p{  
    color:#46ADC4  
}
```

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 #46ADC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46ADC4
}
```

Border

The CSS property to change the border of an element to Hex 46ADC4 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
#46ADC4 }
```

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

```
.border{ border-color:#46ADC4 }
```

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

Here you see how a box with a 4 pixel #46ADC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46ADC4; -webkit-box-shadow:4px 4px  
4px 4px #46ADC4; box-shadow:4px 4px 4px  
4px #46ADC4 }
```

Background

The CSS property to change the background color of an element to Hex 46ADC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46ADC4 }
```

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

```
.background{ background-color:#46ADC4 }
```

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