

Converting Colors

Hex(46ACB0)

Have a look what the booklet for
Hex(46ACB0) contains.

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Color

Hex(46ACB0)

Conversions

Conversions Part 1

Format	Color
Hex	46ACB0
RGB	70, 172, 176
RGB Percent	27%, 67%, 69%
CMY	0.7255, 0.3255, 0.3098
CMYK	0.60, 0.02, 0.00, 0.31
HSL	182°, 43%, 48%
HSV	182°, 60%, 69%
XYZ	25.1148, 33.9417, 46.3020
YIQ	141.9580, -62.0760, -20.3800

Conversions

Conversions Part 2

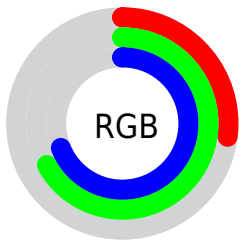
Format	Color
RYB	70, 122, 176
Decimal	4631728
CIELab	64.92, -27.93, -10.89
CIELCh	65, 29.976, 201.298
Yxy	33.9417, 0.2384, 0.3222
Android (android.graphics.Color)	4282821808 (0xFF46ACB0)
YUV	141.9580, 16.7827, -63.1072
Hunter-Lab	58.2595, -25.0056, -6.3393

Details

The Hex color **46ACB0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B04A46**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **81E4E8**, and **00777C** is the 20% darker color. If you saturate the color by 10%, you get **34ABB0**, and if you desaturate by 10%, it is **58ADB0**.

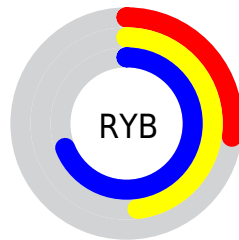
Distribution



Red (27%)

Green (67%)

Blue (69%)



Red (27%)

Yellow (48%)

Blue (69%)

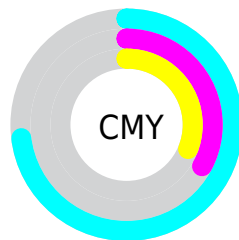


Cyan (60%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (73%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46ACB0 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 46ACB0 by changing the saturation by 10% instead.

 46ACB0

 46ACB0

FFFFFF

 239195

 81E4E8

 00777C

 9EFFFF

 005E63

 BBFFFF

 00464B

 D9FFFF

 002F34

 F7FFFF

 001B1F

 000005

 000000

 46ACB0

 46ACB0

■ 34ABB0

■ 58ADB0

■ 23ABB0

■ 69ADB0

■ 11AAB0

■ 7BAEB0

■ 00A9B0

■ 8CAFB0

■ 9EAFB0

■ B0B0B0

■ C1B1B0

■ D3B1B0

■ E4B2B0

Harmonies

Analogous

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



5EAC94



46ACB0



4BA9C6

Triad

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



46ACB0



B890BF



B79969

Complementary

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



46ACB0



B04A46

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.



CB9075



46ACB0



CD8AA6

Square

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



46ACB0



9699CF



D38A8B



9CA26B

Rectangle

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



46ACB0



61A5D0



D38A8B



BF966B

Sweetspot

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



46ACB0



BCE4E6



46B04A



5A7273



F2F2F2



737373

Same Dimension

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



46ACB0



40DFE6



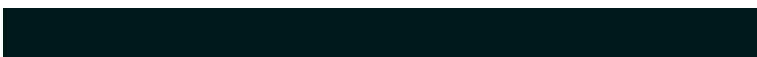
4677B0



505959



009399



00191A

Inverse Universe

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



B046AC



E640DF



B07F46



595059



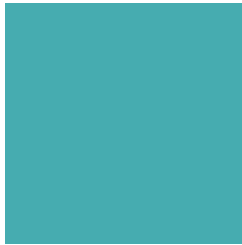
990093



1A0019

Previews

White Background



This preview shows how the Hex color 46ACB0 looks on a white background.

Color Contrast Check

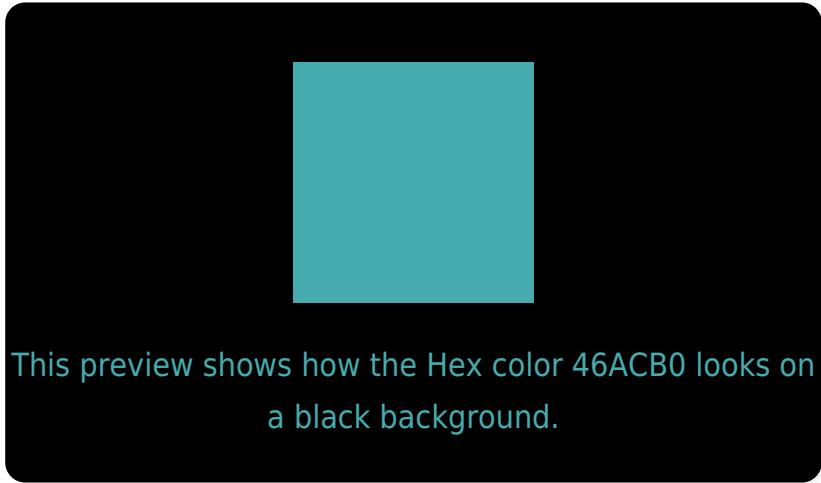
Large Text (above 18pt) WCAG AA × Fail

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

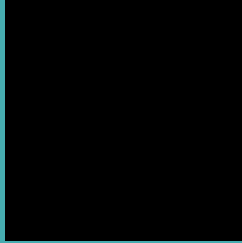
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

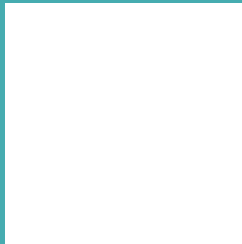
Any Text WCAG AAA ✓ Pass

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

Hex 46ACB0 Background



This preview shows how black text looks on a background with the Hex color 46ACB0.

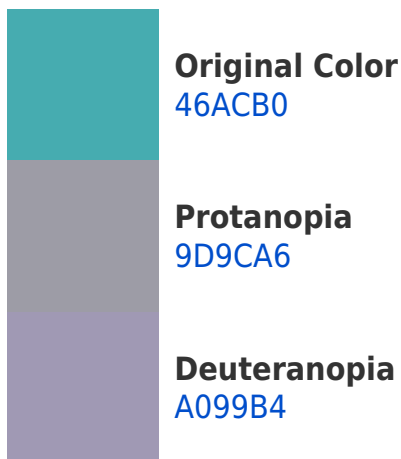


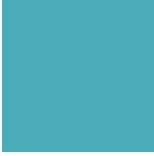
This preview shows how white text looks on a background with the Hex color 46ACB0.

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](#).

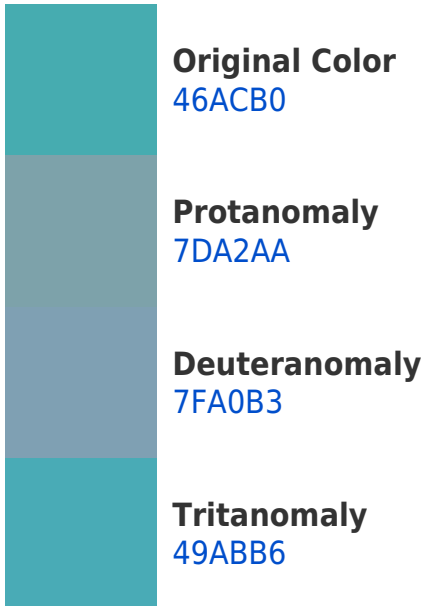
Dichromacy





Tritanopia
4AABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46ACB0 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 #46ACB0 looks like.

```
.text, #text, p{  
    color:#46ACB0  
}
```

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 #46ACB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46ACB0  
}
```

Border

The CSS property to change the border of an element to Hex 46ACB0 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  
#46ACB0 }
```

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

```
.border{ border-color:#46ACB0 }
```

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

Here you see how a box with a 4 pixel #46ACB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46ACB0; -webkit-box-shadow:4px 4px  
4px 4px #46ACB0; box-shadow:4px 4px 4px  
4px #46ACB0 }
```

Background

The CSS property to change the background color of an element to Hex 46ACB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46ACB0 }
```

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

```
.background{ background-color:#46ACB0 }
```

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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