

Converting Colors

Hex(46B4B0)

Have a look what the booklet for
Hex(46B4B0) contains.

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Color

Hex(46B4B0)

Conversions

Conversions Part 1

Format	Color
Hex	46B4B0
RGB	70, 180, 176
RGB Percent	27%, 71%, 69%
CMY	0.7255, 0.2941, 0.3098
CMYK	0.61, 0.00, 0.02, 0.29
HSL	178°, 44%, 49%
HSV	178°, 61%, 71%
XYZ	26.6835, 37.0792, 46.8249
YIQ	146.6540, -64.2760, -24.5640

Conversions

Conversions Part 2

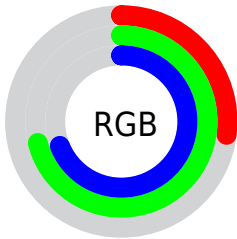
Format	Color
RYB	70, 126, 180
Decimal	4633776
CIELab	67.34, -31.81, -7.28
CIELCh	67, 32.636, 192.887
Yxy	37.0792, 0.2413, 0.3353
Android (android.graphics.Color)	4282823856 (0xFF46B4B0)
YUV	146.6540, 14.4676, -67.2256
Hunter-Lab	60.8927, -28.3425, -2.9676




Details

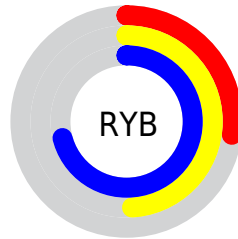
The Hex color **46B4B0** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B4464A**, and the grayscale version is **939393**.




A 20% lighter version of the original color is **82ECE8**, and **007F7C** is the 20% darker color. If you saturate the color by 10%, you get **34B4AF**, and if you desaturate by 10%, it is **58B4B1**.

Distribution







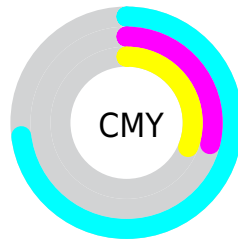
-  Red (27%)
-  Green (71%)
-  Blue (69%)






-  Red (27%)
-  Yellow (49%)
-  Blue (71%)



-  Cyan (61%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (29%)



-  Cyan (73%)
-  Magenta (29%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46B4B0 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 46B4B0 by changing the saturation by 10% instead.

 46B4B0

 46B4B0


FFFFFF

 219995

 82ECE8

 007F7C

 9FFFFFF

 006563

 BFFFFFF

 004D4B

 DAFFFF

 003534

 F8FFFF

 00221F

 000007

 000000

 46B4B0

 46B4B0

■ 34B4AF

■ 58B4B1

■ 22B4AF

■ 6AB4B1

■ 10B4AE

■ 7CB4B2

■ 00B4AD

■ 8EB4B3

■ A0B4B3

■ B2B4B4

■ C4B4B5

■ D6B4B5

■ E8B4B6

Harmonies

Analogous

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



67B392



46B4B0



3FB2CB

Triad

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



46B4B0



B898CF



C79C6C

Complementary

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



46B4B0



B4464A

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.



D9937D



46B4B0



D390B6

Square

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



46B4B0



8FA2DD



DE8E98



ABA66A

Rectangle

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



46B4B0



53AED7



DE8E98



CE9970

Sweetspot

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



46B4B0



C0EBE9



4CB446



5B7574



F5F5F5



757575

Same Dimension

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



46B4B0



3FEBE4



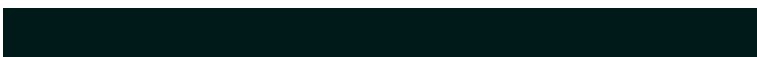
4683B4



505959



009993



001A19

Inverse Universe

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



B4464A



EB3F46



B47846



595051



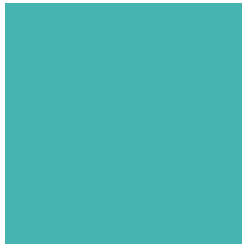
990006



1A0001

Previews

White Background



This preview shows how the Hex color 46B4B0 looks on a white background.

Color Contrast Check

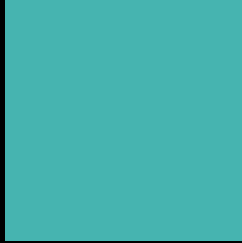
Large Text (above 18pt) WCAG AA × Fail

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 46B4B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

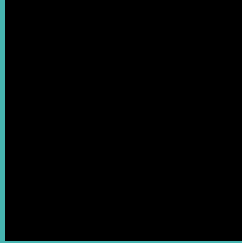
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

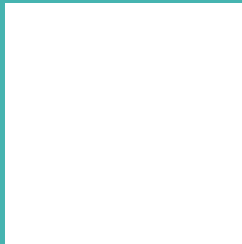
Any Text WCAG AAA ✓ Pass

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

Hex 46B4B0 Background



This preview shows how black text looks on a background with the Hex color 46B4B0.

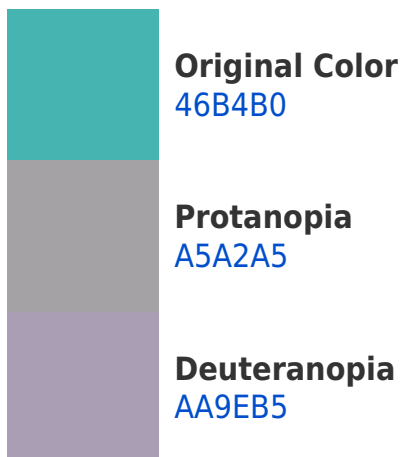


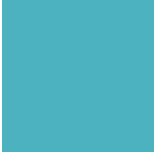
This preview shows how white text looks on a background with the Hex color 46B4B0.

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](#).

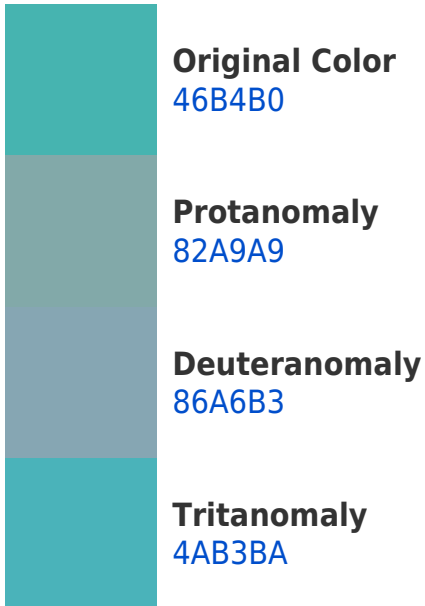
Dichromacy





Tritanopia
4DB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46B4B0 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 #46B4B0 looks like.

```
.text, #text, p{  
    color:#46B4B0  
}
```

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 #46B4B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B4B0
}
```

Border

The CSS property to change the border of an element to Hex 46B4B0 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
#46B4B0 }
```

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

```
.border{ border-color:#46B4B0 }
```

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

Here you see how a box with a 4 pixel #46B4B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B4B0; -webkit-box-shadow:4px 4px  
4px 4px #46B4B0; box-shadow:4px 4px 4px  
4px #46B4B0 }
```

Background

The CSS property to change the background color of an element to Hex 46B4B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B4B0 }
```

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

```
.background{ background-color:#46B4B0 }
```

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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