

Converting Colors

Hex(46B4BA)

Have a look what the booklet for
Hex(46B4BA) contains.

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Color

Hex(46B4BA)

Conversions

Conversions Part 1

Format	Color
Hex	46B4BA
RGB	70, 180, 186
RGB Percent	27%, 71%, 73%
CMY	0.7255, 0.2941, 0.2706
CMYK	0.62, 0.03, 0.00, 0.27
HSL	183°, 46%, 50%
HSV	183°, 62%, 73%
XYZ	27.7100, 37.4898, 52.2302
YIQ	147.7940, -67.4860, -21.4540

Conversions

Conversions Part 2

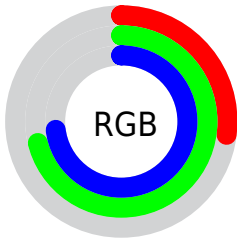
Format	Color
RYB	70, 126, 186
Decimal	4633786
CIELab	67.64, -28.99, -12.35
CIElCh	68, 31.510, 203.073
Yxy	37.4898, 0.2360, 0.3193
Android (android.graphics.Color)	4282823866 (0xFF46B4BA)
YUV	147.7940, 18.8356, -68.2253
Hunter-Lab	61.2289, -26.3680, -7.7160

Details

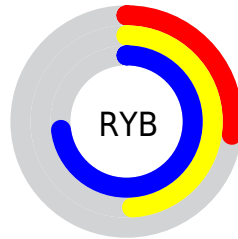
The Hex color **46B4BA** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA4C46**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **83ECF2**, and **007F85** is the 20% darker color. If you saturate the color by 10%, you get **33B3BA**, and if you desaturate by 10%, it is **59B5BA**.

Distribution



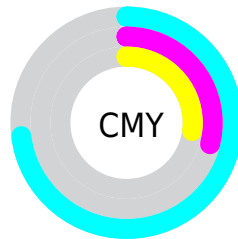
- Red (27%)
- Green (71%)
- Blue (73%)



- Red (27%)
- Yellow (49%)
- Blue (73%)



- Cyan (62%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (73%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46B4BA 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 46B4BA by changing the saturation by 10% instead.

 46B4BA

 46B4BA

FFFFFF

 20999F

 83ECF2

 007F85

 A0FFFF

 00656C

 BEFFFF

 004D53

 DCFFFF

 00353C

 FAFFFF

 002227

 000112

 000000

 46B4BA

 46B4BA

■ 33B3BA

■ 59B5BA

■ 21B2BA

■ 6BB6BA

■ 0EB1BA

■ 7EB7BA

■ 00B0BA

■ 90B8BA

■ A3B9BA

■ B6BABA

■ C8BBBA

■ DBBCBA

■ EDBDBA

Harmonies

Analogous

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



5FB49D



46B4BA



4EB1D1

Triad

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



46B4BA



C396C7



BEA16C

Complementary

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



46B4BA



BA4C46

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.



D49778



46B4BA



D890AD

Square

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



46B4BA



9FA0D9



DD9090



A2AA70

Rectangle

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



46B4BA



66ACDA



DD9090



C79D6F

Sweetspot

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



46B4BA



C4F0F2



46BA4C



5E797A



FAFAFA



7A7A7A

Same Dimension

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



46B4BA



3DE9F2



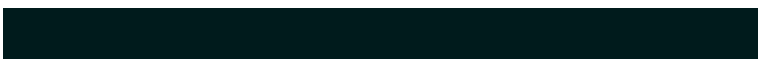
467ABA



535B5C



00949C



001B1C

Inverse Universe

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



BA46B4



F23DE9



BA8646



5C535B



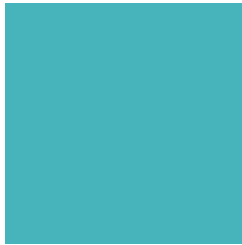
9C0094



1C001B

Previews

White Background



This preview shows how the Hex color 46B4BA looks on a white background.

Color Contrast Check

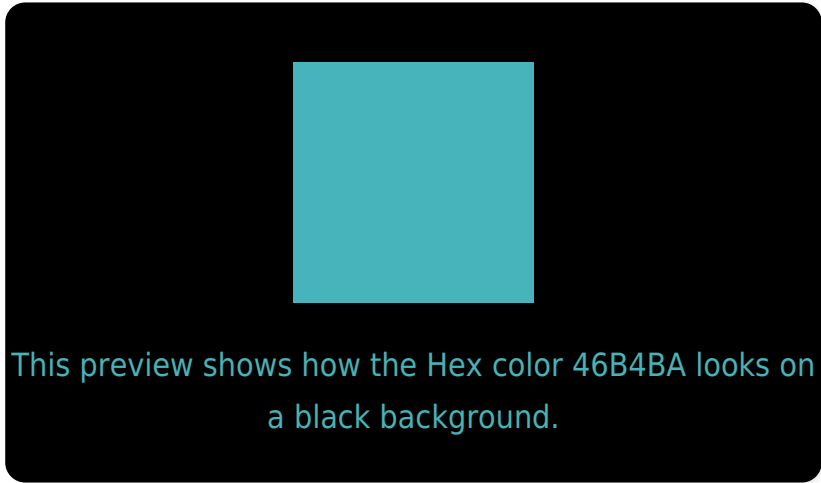
Large Text (above 18pt) WCAG AA × Fail

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

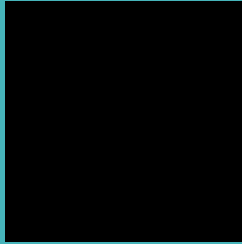
Any Text WCAG AA ✓ Pass

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 46B4BA Background



This preview shows how black text looks on a background with the Hex color 46B4BA.

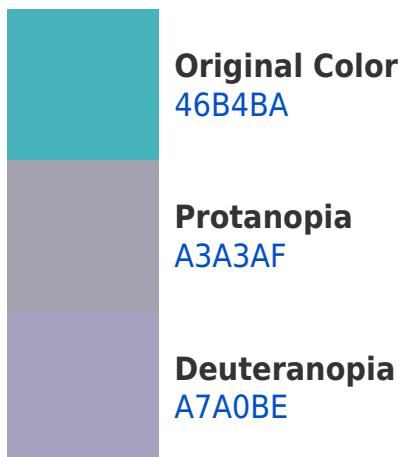


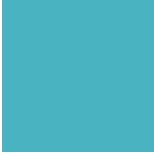
This preview shows how white text looks on a background with the Hex color 46B4BA.

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](#).

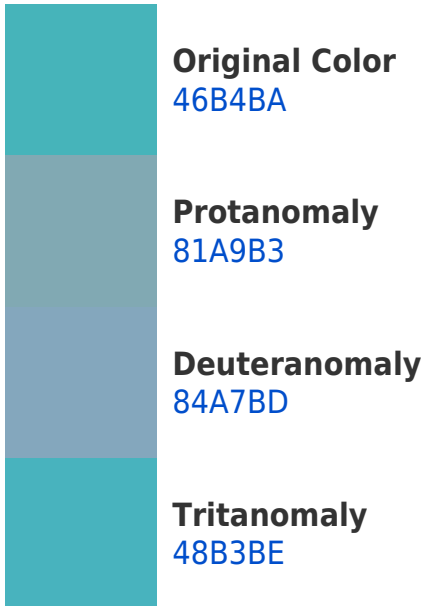
Dichromacy





Tritanopia
49B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46B4BA 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 #46B4BA looks like.

```
.text, #text, p{  
    color:#46B4BA  
}
```

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 #46B4BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B4BA
}
```

Border

The CSS property to change the border of an element to Hex 46B4BA 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
#46B4BA }
```

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

```
.border{ border-color:#46B4BA }
```

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

Here you see how a box with a 4 pixel #46B4BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B4BA; -webkit-box-shadow:4px 4px  
4px 4px #46B4BA; box-shadow:4px 4px 4px  
4px #46B4BA }
```

Background

The CSS property to change the background color of an element to Hex 46B4BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B4BA }
```

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

```
.background{ background-color:#46B4BA }
```

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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