

Converting Colors

Hex(4BB3B8)

Have a look what the booklet for
Hex(4BB3B8) contains.

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Color

Hex(4BB3B8)

Conversions

Conversions Part 1

Format	Color
Hex	4BB3B8
RGB	75, 179, 184
RGB Percent	29%, 70%, 72%
CMY	0.7059, 0.2980, 0.2784
CMYK	0.59, 0.03, 0.00, 0.28
HSL	183°, 43%, 51%
HSV	183°, 59%, 72%
XYZ	27.6735, 37.1967, 51.0685
YIQ	148.4740, -63.5890, -20.4930

Conversions

Conversions Part 2

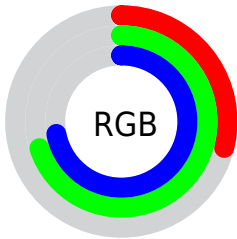
Format	Color
RYB	75, 128, 184
Decimal	4961208
CIELab	67.42, -28.19, -11.56
CIELCh	67, 30.470, 202.289
Yxy	37.1967, 0.2387, 0.3208
Android (android.graphics.Color)	4283151288 (0xFF4BB3B8)
YUV	148.4740, 17.5143, -64.4367
Hunter-Lab	60.9891, -25.7376, -6.9534

Details

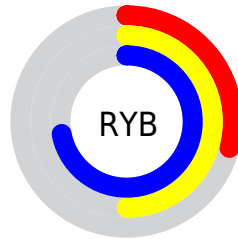
The Hex color **4BB3B8** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B8504B**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **87EBF0**, and **007E83** is the 20% darker color. If you saturate the color by 10%, you get **39B2B8**, and if you desaturate by 10%, it is **5DB4B8**.

Distribution



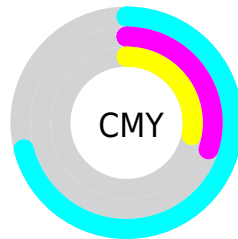
- Red (29%)
- Green (70%)
- Blue (72%)



- Red (29%)
- Yellow (50%)
- Blue (72%)



- Cyan (59%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (71%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BB3B8 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 4BB3B8 by changing the saturation by 10% instead.

 4BB3B8

 4BB3B8

FFFFFF

 28989D

 87EBF0

 007E83

 A4FFFF

 00646A

 C1FFFF

 004C52

 DFFFFF

 00353B

 FDFFFF

 002125

 000110

 000000

 4BB3B8

 4BB3B8

■ 39B2B8

■ 5DB4B8

■ 26B1B8

■ 70B5B8

■ 14B0B8

■ 82B6B8

■ 01B0B8

■ 95B6B8

■ 00B0B8

■ A7B7B8

■ B9B8B8

■ CCB9B8

■ DEBAB8

■ F1BBB8

Harmonies

Analogous

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



63B39C



4BB3B8



52B0CF

Triad

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



4BB3B8



C096C6



BEA06E

Complementary

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



4BB3B8



B8504B

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.



D2977A



4BB3B8



D590AC

Square

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



4BB3B8



9EA0D7



DB9191



A2A971

Rectangle

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



4BB3B8



68ACD8



DB9191



C69D70

Sweetspot

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



4BB3B8



C5EEF0



4BB84F



5D7778



F7F7F7



787878

Same Dimension

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



4BB3B8



46E8F0



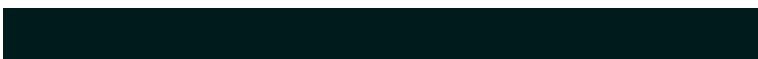
4B7EB8



535B5C



00949C



001B1C

Inverse Universe

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



B84BB3



F046E8



B8854B



5C535B



9C0094



1C001B

Previews

White Background



This preview shows how the Hex color 4BB3B8 looks on a white background.

Color Contrast Check

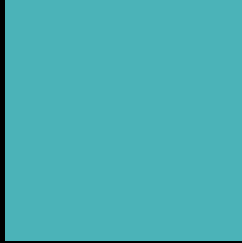
Large Text (above 18pt) WCAG AA × Fail

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 4BB3B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

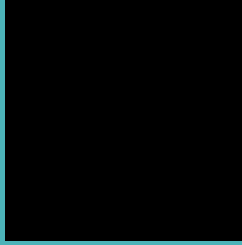
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

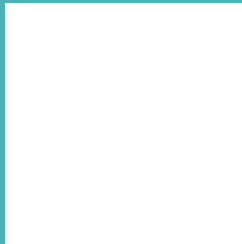
Any Text WCAG AAA ✓ Pass

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

Hex 4BB3B8 Background



This preview shows how black text looks on a background with the Hex color 4BB3B8.

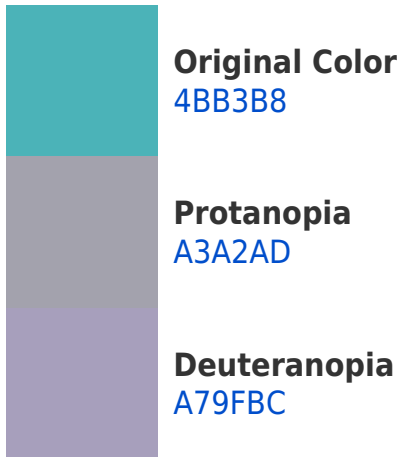


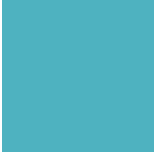
This preview shows how white text looks on a background with the Hex color 4BB3B8.

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



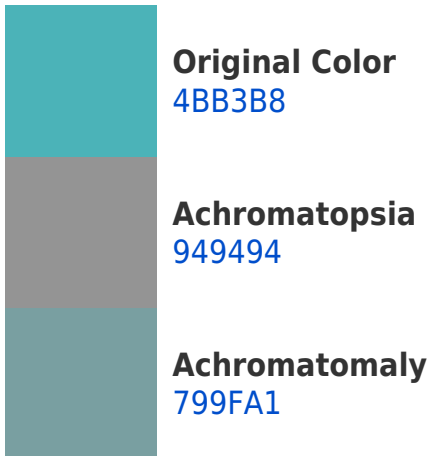


Tritanopia
4EB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BB3B8 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 #4BB3B8 looks like.

```
.text, #text, p{  
    color:#4BB3B8  
}
```

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 #4BB3B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB3B8
}
```

Border

The CSS property to change the border of an element to Hex 4BB3B8 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
#4BB3B8 }
```

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

```
.border{ border-color:#4BB3B8 }
```

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

Here you see how a box with a 4 pixel #4BB3B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB3B8; -webkit-box-shadow:4px 4px  
4px 4px #4BB3B8; box-shadow:4px 4px 4px  
4px #4BB3B8 }
```

Background

The CSS property to change the background color of an element to Hex 4BB3B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB3B8 }
```

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

```
.background{ background-color:#4BB3B8 }
```

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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