

Converting Colors

Hex(50AAB8)

Have a look what the booklet for
Hex(50AAB8) contains.

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Color

Hex(50AAB8)

Conversions

Conversions Part 1

Format	Color
Hex	50AAB8
RGB	80, 170, 184
RGB Percent	31%, 67%, 72%
CMY	0.6863, 0.3333, 0.2784
CMYK	0.57, 0.08, 0.00, 0.28
HSL	188°, 42%, 52%
HSV	188°, 57%, 72%
XYZ	26.3347, 33.9156, 50.5058
YIQ	144.6860, -58.1340, -14.7260

Conversions

Conversions Part 2

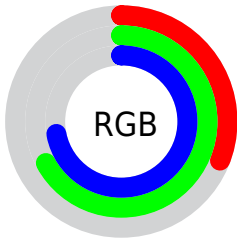
Format	Color
RYB	80, 128, 184
Decimal	5286584
CIELab	64.90, -22.73, -15.34
CIELCh	65, 27.421, 214.026
Yxy	33.9156, 0.2378, 0.3062
Android (android.graphics.Color)	4283476664 (0xFF50AAB8)
YUV	144.6860, 19.3818, -56.7296
Hunter-Lab	58.2371, -21.1976, -10.6529

Details

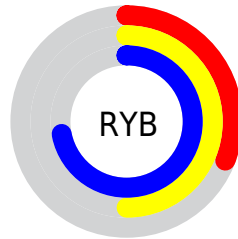
The Hex color **50AAB8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B85E50**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **8AE2F0**, and **007683** is the 20% darker color. If you saturate the color by 10%, you get **3EA8B8**, and if you desaturate by 10%, it is **62ACB8**.

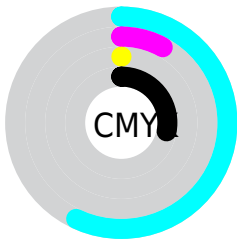
Distribution



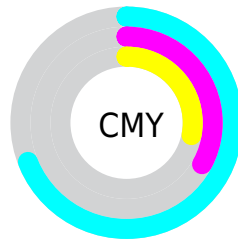
- Red (31%)
- Green (67%)
- Blue (72%)



- Red (31%)
- Yellow (50%)
- Blue (72%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)



- Cyan (69%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50AAB8 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 50AAB8 by changing the saturation by 10% instead.

■ 50AAB8

■ 50AAB8

FFFFFF

■ 308F9D

■ 8AE2F0

■ 007683

■ A7FEFF

■ 005D6A

■ C4FFFF

■ 004552

■ E1FFFF

■ 002E3B

■ 001B25

■ 00010F

■ 000000

■ 50AAB8

■ 50AAB8

3EA8B8

62ACB8

2BA5B8

75AFB8

19A3B8

87B1B8

06A0B8

9AB4B8

009FB8

ACB6B8

BEB9B8

D1BBB8

E3BEB8

F6C0B8

Harmonies

Analogous

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



5BABA0



50AAB8



61A6C9

Triad

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



50AAB8



C08EB3



AC9D6C

Complementary

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



50AAB8



B85E50

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.



C19572



50AAB8



CD8B9B

Square

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



50AAB8



A596C6



CD8E83



91A474

Rectangle

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



50AAB8



77A1CE



CD8E83



B39A6D

Sweetspot

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



50AAB8



C7EAF0



50B85E



607578



F7F7F7



787878

Same Dimension

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



50AAB8



4DDAF0



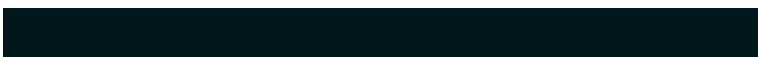
5076B8



535B5C



00879C



00181C

Inverse Universe

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



B850AA



F04DDA



B89250



5C535B



9C0087



1C0018

Previews

White Background



This preview shows how the Hex color 50AAB8 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 50AAB8 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

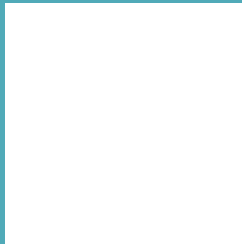
Any Text WCAG AAA ✓ Pass

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

Hex 50AAB8 Background



This preview shows how black text looks on a background with the Hex color 50AAB8.



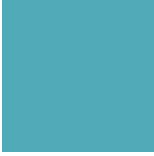
This preview shows how white text looks on a background with the Hex color 50AAB8.

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](#).

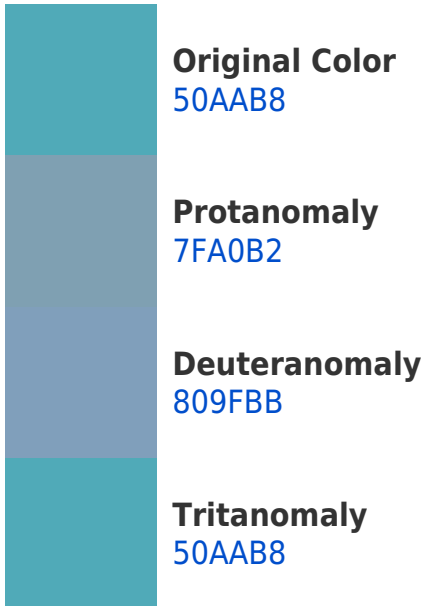
Dichromacy



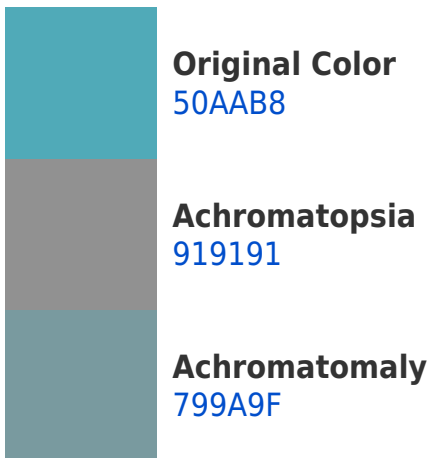


Tritanopia
50AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50AAB8 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 #50AAB8 looks like.

```
.text, #text, p{  
    color:#50AAB8  
}
```

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 #50AAB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50AAB8
}
```

Border

The CSS property to change the border of an element to Hex 50AAB8 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
#50AAB8 }
```

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

```
.border{ border-color:#50AAB8 }
```

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

Here you see how a box with a 4 pixel #50AAB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50AAB8; -webkit-box-shadow:4px 4px  
4px 4px #50AAB8; box-shadow:4px 4px 4px  
4px #50AAB8 }
```

Background

The CSS property to change the background color of an element to Hex 50AAB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50AAB8 }
```

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

```
.background{ background-color:#50AAB8 }
```

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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