

Converting Colors

Hex(5AB8B8)

Have a look what the booklet for
Hex(5AB8B8) contains.

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Color

Hex(5AB8B8)

Conversions

Conversions Part 1

Format	Color
Hex	5AB8B8
RGB	90, 184, 184
RGB Percent	35%, 72%, 72%
CMY	0.6471, 0.2784, 0.2784
CMYK	0.51, 0.00, 0.00, 0.28
HSL	180°, 40%, 54%
HSV	180°, 51%, 72%
XYZ	30.0087, 39.9153, 51.4702
YIQ	155.8940, -56.0240, -19.9280

Conversions

Conversions Part 2

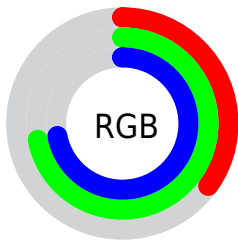
Format	Color
RYB	90, 137, 184
Decimal	5945528
CIELab	69.41, -27.68, -8.54
CIELCh	69, 28.966, 197.149
Yxy	39.9153, 0.2472, 0.3288
Android (android.graphics.Color)	4284135608 (0xFF5AB8B8)
YUV	155.8940, 13.8563, -57.7890
Hunter-Lab	63.1786, -25.7783, -4.0773

Details

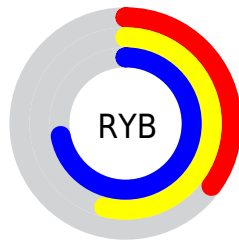
The Hex color **5AB8B8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B85A5A**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **93F0F0**, and **168383** is the 20% darker color. If you saturate the color by 10%, you get **48B8B8**, and if you desaturate by 10%, it is **6CB8B8**.

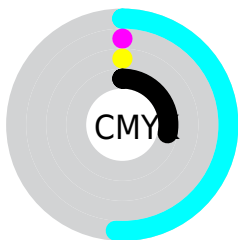
Distribution



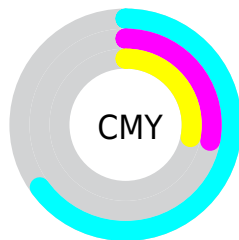
- Red (35%)
- Green (72%)
- Blue (72%)



- Red (35%)
- Yellow (54%)
- Blue (72%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (65%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AB8B8 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 5AB8B8 by changing the saturation by 10% instead.

 5AB8B8

 5AB8B8

FFFFFF

 3C9D9D

 93F0F0

 168383

 B0FFFF

 00696A

 CDFFFF

 005152

 EBFFFF

 00393B

 002425

 000111

 000000

 5AB8B8

 5AB8B8

■ 48B8B8

■ 6CB8B8

■ 35B8B8

■ 7FB8B8

■ 23B8B8

■ 91B8B8

■ 10B8B8

■ A4B8B8

■ 00B8B8

■ B6B8B8

■ C8B8B8

■ DBB8B8

■ EDB8B8

■ FFB8B8

Harmonies

Analogous

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



71B79D



5AB8B8



5BB5CF

Triad

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



5AB8B8



C09ECD



C6A477

Complementary

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



5AB8B8



B85A5A

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.



D89C84



5AB8B8



D697B6

Square

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



5AB8B8



9EA7DB



DE969B



ADAD77

Rectangle

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



5AB8B8



6CB2D9



DE969B



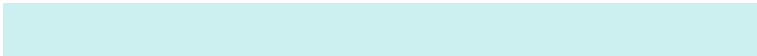
CDA17A

Sweetspot

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



5AB8B8



CCF0F0



5AB85A



627878



F7F7F7



787878

Same Dimension

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



5AB8B8



5DF0F0



5A89B8



535C5C



009C9C



001C1C

Inverse Universe

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



B85AB8



F05DF0



B8895A



5C535C



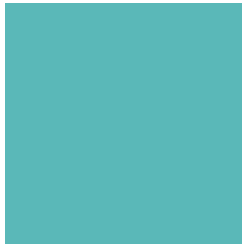
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 5AB8B8 looks on a white background.

Color Contrast Check

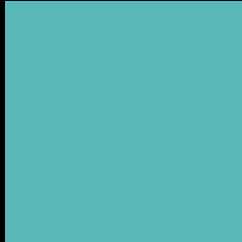
Large Text (above 18pt) WCAG AA × Fail

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 5AB8B8 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 5AB8B8 Background



This preview shows how black text looks on a background with the Hex color 5AB8B8.

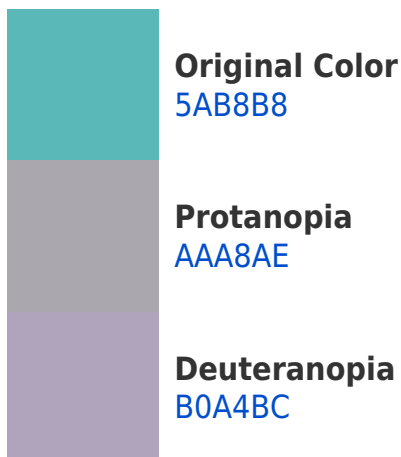


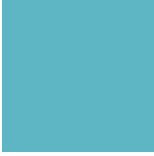
This preview shows how white text looks on a background with the Hex color 5AB8B8.

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](#).

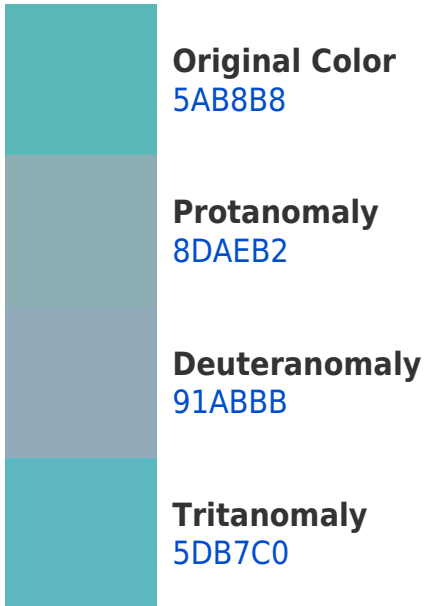
Dichromacy





Tritanopia
5EB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AB8B8 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 #5AB8B8 looks like.

```
.text, #text, p{  
    color:#5AB8B8  
}
```

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 #5AB8B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB8B8
}
```

Border

The CSS property to change the border of an element to Hex 5AB8B8 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
#5AB8B8 }
```

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

```
.border{ border-color:#5AB8B8 }
```

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

Here you see how a box with a 4 pixel #5AB8B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB8B8; -webkit-box-shadow:4px 4px  
4px 4px #5AB8B8; box-shadow:4px 4px 4px  
4px #5AB8B8 }
```

Background

The CSS property to change the background color of an element to Hex 5AB8B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB8B8 }
```

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

```
.background{ background-color:#5AB8B8 }
```

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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