

Converting Colors

Hex(5AC3A8)

Have a look what the booklet for
Hex(5AC3A8) contains.

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Color

Hex(5AC3A8)

Conversions

Conversions Part 1

Format	Color
Hex	5AC3A8
RGB	90, 195, 168
RGB Percent	35%, 76%, 66%
CMY	0.6471, 0.2353, 0.3412
CMYK	0.54, 0.00, 0.14, 0.24
HSL	165°, 47%, 56%
HSV	165°, 54%, 76%
XYZ	30.7994, 44.0310, 43.9213
YIQ	160.5270, -53.9130, -30.6570

Conversions

Conversions Part 2

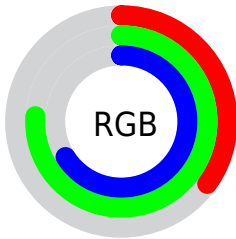
Format	Color
RYB	90, 150, 195
Decimal	5948328
CIELab	72.25, -36.95, 4.38
CIELCh	72, 37.213, 173.243
Yxy	44.0310, 0.2594, 0.3708
Android (android.graphics.Color)	4284138408 (0xFF5AC3A8)
YUV	160.5270, 3.6842, -61.8522
Hunter-Lab	66.3559, -33.2710, 7.2047

Details

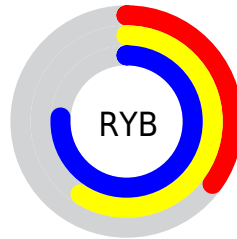
The Hex color **5AC3A8** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **C35A75**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **94FCDF**, and **158D74** is the 20% darker color. If you saturate the color by 10%, you get **47C3A3**, and if you desaturate by 10%, it is **6EC3AD**.

Distribution



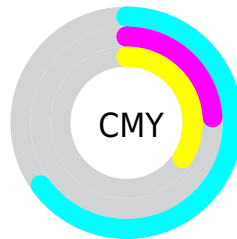
- Red (35%)
- Green (76%)
- Blue (66%)



- Red (35%)
- Yellow (59%)
- Blue (76%)



- Cyan (54%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (65%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AC3A8 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 5AC3A8 by changing the saturation by 10% instead.

 5AC3A8

 5AC3A8

FFFFFF

 3CA78E

 94FCDF

 158D74

 B0FFFC

 00735B

 CEFFFF

 005944

 EBFFFF

 00412E

 002B19

 000F00

 000000

 5AC3A8

 5AC3A8

 47C3A3

 6EC3AD

 33C39E

 81C3B2

 20C399

 94C3B7

 0CC394

 A8C3BC

 00C391

 BBC3C1

 CFC3C6

 E2C3CB

 F6C3D0

 FFC3D5

Harmonies

Analogous

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



85BF87



5AC3A8



31C3CB

Triad

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



5AC3A8



AAABEF



E8A17C

Complementary

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



5AC3A8



C35A75

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.



F49898



5AC3A8



D59FDA

Square

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



5AC3A8



74B7F4



EE98BA



CFAC6D

Rectangle

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



5AC3A8



30C1DF



EE98BA



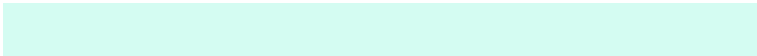
EE9D84

Sweetspot

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



5AC3A8



D4FCF2



76C35A



678079



000000



808080

Same Dimension

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



5AC3A8



58FCD2



5AABC3



57615E



00A177



002119

Inverse Universe

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



C35A75



FC5883



C3735A



61575A



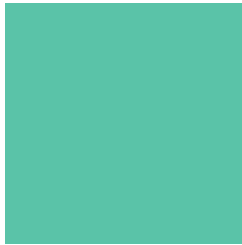
A10029



210009

Previews

White Background



This preview shows how the Hex color 5AC3A8 looks on a white background.

Color Contrast Check

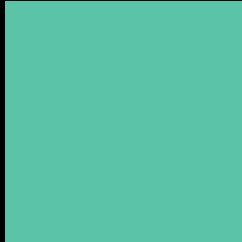
Large Text (above 18pt) WCAG AA × Fail

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 5AC3A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

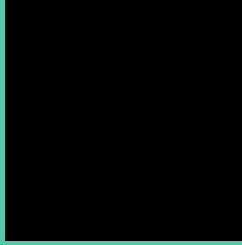
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

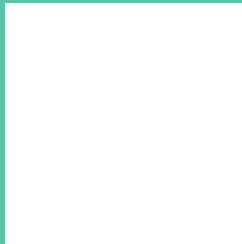
Any Text WCAG AAA ✓ Pass

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

Hex 5AC3A8 Background



This preview shows how black text looks on a background with the Hex color 5AC3A8.



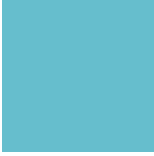
This preview shows how white text looks on a background with the Hex color 5AC3A8.

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
66BECD

Trichromacy



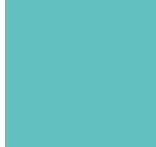
Original Color
5AC3A8



Protanomaly
95B6A2



Deuteranomaly
9CB3AB



Tritanomaly
62C0C0

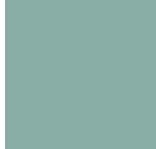
Monochromacy



Original Color
5AC3A8



Achromatopsia
A1A1A1



Achromatomaly
87ADA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AC3A8 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 #5AC3A8 looks like.

```
.text, #text, p{  
    color:#5AC3A8  
}
```

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 #5AC3A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC3A8
}
```

Border

The CSS property to change the border of an element to Hex 5AC3A8 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
#5AC3A8 }
```

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

```
.border{ border-color:#5AC3A8 }
```

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

Here you see how a box with a 4 pixel #5AC3A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC3A8; -webkit-box-shadow:4px 4px  
4px 4px #5AC3A8; box-shadow:4px 4px 4px  
4px #5AC3A8 }
```

Background

The CSS property to change the background color of an element to Hex 5AC3A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC3A8 }
```

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

```
.background{ background-color:#5AC3A8 }
```

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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