

Converting Colors

Hex(5AC5BA)

Have a look what the booklet for
Hex(5AC5BA) contains.

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Color

Hex(5AC5BA)

Conversions

Conversions Part 1

Format	Color
Hex	5AC5BA
RGB	90, 197, 186
RGB Percent	35%, 77%, 73%
CMY	0.6471, 0.2275, 0.2706
CMYK	0.54, 0.00, 0.06, 0.23
HSL	174°, 48%, 56%
HSV	174°, 54%, 77%
XYZ	33.0456, 45.6513, 53.5243
YIQ	163.7530, -60.2410, -26.1050

Conversions

Conversions Part 2

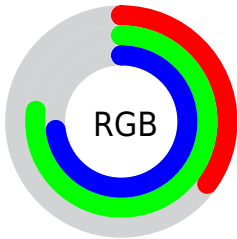
Format	Color
RYB	90, 146, 197
Decimal	5948858
CIELab	73.32, -33.41, -3.85
CIELCh	73, 33.632, 186.566
Yxy	45.6513, 0.2499, 0.3453
Android (android.graphics.Color)	4284138938 (0xFF5AC5BA)
YUV	163.7530, 10.9678, -64.6814
Hunter-Lab	67.5658, -30.9378, 0.3277

Details

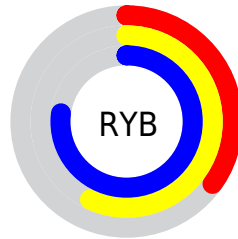
The Hex color **5AC5BA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C55A65**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **94FEF2**, and **108F85** is the 20% darker color. If you saturate the color by 10%, you get **46C5B8**, and if you desaturate by 10%, it is **6EC5BC**.

Distribution



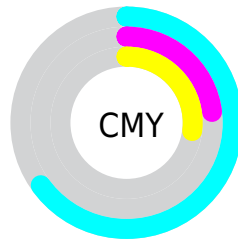
- Red (35%)
- Green (77%)
- Blue (73%)



- Red (35%)
- Yellow (57%)
- Blue (77%)



- Cyan (54%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)



- Cyan (65%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AC5BA 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 5AC5BA by changing the saturation by 10% instead.

 5AC5BA

 5AC5BA

FFFFFF

 3BA99F

 94FEF2

 108F85

 B2FFFF

 00756C

 CFFFFFF

 005B54

 EDFFFF

 00433D

 002C27

 001413

 000000

 5AC5BA

 5AC5BA

46C5B8

6EC5BC

33C5B6

81C5BE

1FC5B4

95C5C0

0BC5B2

A9C5C2

00C5B1

BDC5C4

D0C5C6

E4C5C8

F8C5CA

FFC5CC

Harmonies

Analogous

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



7DC39B



5AC5BA



4BC3D8

Triad

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



5AC5BA



C1AAE6



DEAA7C

Complementary

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



5AC5BA



C55A65

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.



EEA191



5AC5BA



E1A0CD

Square

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



5AC5BA



95B5F1



F09DAE



C3B476

Rectangle

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



5AC5BA



5AC0E7



F09DAE



E5A682

Sweetspot

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



5AC5BA



D6FFFB



66C55A



67807D



000000



808080

Same Dimension

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



5AC5BA



59FFEE



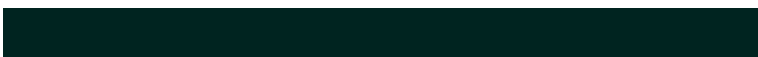
5A9CC5



5A6362



00A392



002420

Inverse Universe

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



C55A65



FF596A



C5835A



635A5B



A30011



240004

Previews

White Background



This preview shows how the Hex color 5AC5BA looks on a white background.

Color Contrast Check

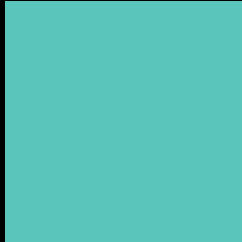
Large Text (above 18pt) WCAG AA × Fail

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 5AC5BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

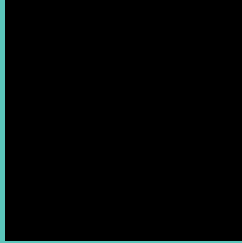
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

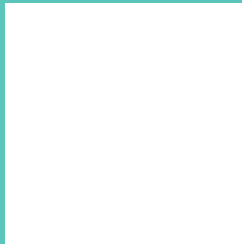
Any Text WCAG AAA ✓ Pass

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

Hex 5AC5BA Background



This preview shows how black text looks on a background with the Hex color 5AC5BA.

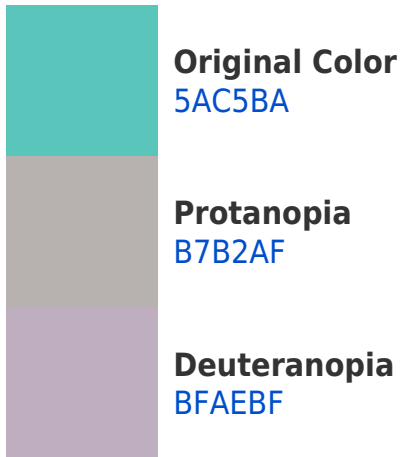


This preview shows how white text looks on a background with the Hex color 5AC5BA.

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
62C2D1

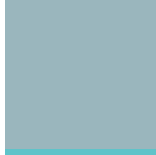
Trichromacy



Original Color
5AC5BA



Protanomaly
95B9B3



Deuteranomaly
9AB6BD

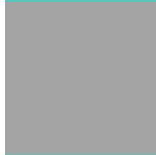


Tritanomaly
5FC3C9

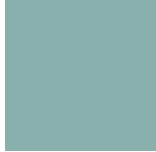
Monochromacy



Original Color
5AC5BA



Achromatopsia
A4A4A4



Achromatomaly
89B0AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AC5BA 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 #5AC5BA looks like.

```
.text, #text, p{  
    color:#5AC5BA  
}
```

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 #5AC5BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC5BA
}
```

Border

The CSS property to change the border of an element to Hex 5AC5BA 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
#5AC5BA }
```

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

```
.border{ border-color:#5AC5BA }
```

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

Here you see how a box with a 4 pixel #5AC5BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC5BA; -webkit-box-shadow:4px 4px  
4px 4px #5AC5BA; box-shadow:4px 4px 4px  
4px #5AC5BA }
```

Background

The CSS property to change the background color of an element to Hex 5AC5BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC5BA }
```

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

```
.background{ background-color:#5AC5BA }
```

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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