

Converting Colors

Hex(56C2BB)

Have a look what the booklet for
Hex(56C2BB) contains.

Hex(56C2BB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(56C2BB)

Conversions

Conversions Part 1

Format	Color
Hex	56C2BB
RGB	86, 194, 187
RGB Percent	34%, 76%, 73%
CMY	0.6627, 0.2392, 0.2667
CMYK	0.56, 0.00, 0.04, 0.24
HSL	176°, 47%, 55%
HSV	176°, 56%, 76%
XYZ	32.0992, 44.1499, 53.8437
YIQ	160.9100, -62.1210, -25.0730

Conversions

Conversions Part 2

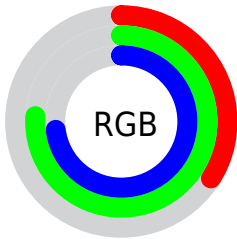
Format	Color
RYB	86, 142, 194
Decimal	5685947
CIELab	72.33, -32.53, -5.87
CIElCh	72, 33.057, 190.222
Yxy	44.1499, 0.2467, 0.3394
Android (android.graphics.Color)	4283876027 (0xFF56C2BB)
YUV	160.9100, 12.8624, -65.6961
Hunter-Lab	66.4454, -30.0476, -1.5336

Details

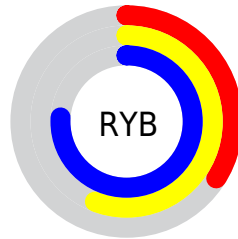
The Hex color **56C2BB** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C2565D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **91FBF3**, and **028C86** is the 20% darker color. If you saturate the color by 10%, you get **43C2BA**, and if you desaturate by 10%, it is **69C2BC**.

Distribution



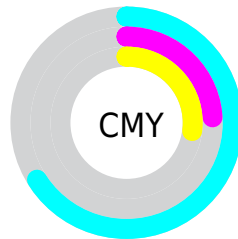
- Red (34%)
- Green (76%)
- Blue (73%)



- Red (34%)
- Yellow (56%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56C2BB 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 56C2BB by changing the saturation by 10% instead.

 56C2BB

 56C2BB

FFFFFF

 36A7A0

 91FBF3

 028C86

 AEFFFF

 00726D

 CCFFFF

 005954

 E9FFFF

 00413D

 002A28

 001014

 000000

 56C2BB

 56C2BB

 43C2BA

 69C2BC

 2FC2B8

 7DC2BE

 1CC2B7

 90C2BF

 08C2B6

 A4C2C0

 00C2B5

 B7C2C1

 CAC2C3

 DEC2C4

 F1C2C5

 FFC2C6

Harmonies

Analogous

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



77C09C



56C2BB



4CC0D7

Triad

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



56C2BB



C3A6E0



D8A979

Complementary

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



56C2BB



C2565D

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.



E99F8C



56C2BB



E09DC7

Square

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



56C2BB



99B1EC



ED9BA8



BCB375

Rectangle

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



56C2BB



5DBCE5



ED9BA8



DFA57E

Sweetspot

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



56C2BB



D2FCFA



5DC256



66807E



000000



808080

Same Dimension

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



56C2BB



53FCF1



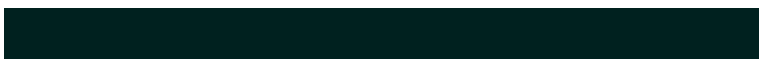
5693C2



576160



00A196



00211F

Inverse Universe

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



C2565D



FC535E



C28556



615758



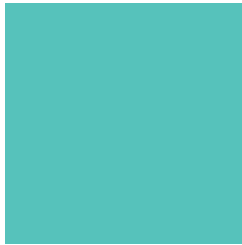
A1000A



210002

Previews

White Background



This preview shows how the Hex color 56C2BB 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 56C2BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

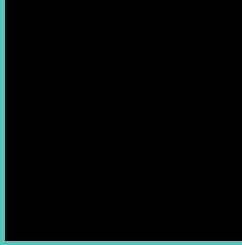
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

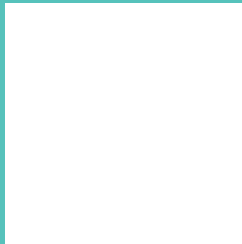
Any Text WCAG AAA ✓ Pass

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

Hex 56C2BB Background



This preview shows how black text looks on a background with the Hex color 56C2BB.

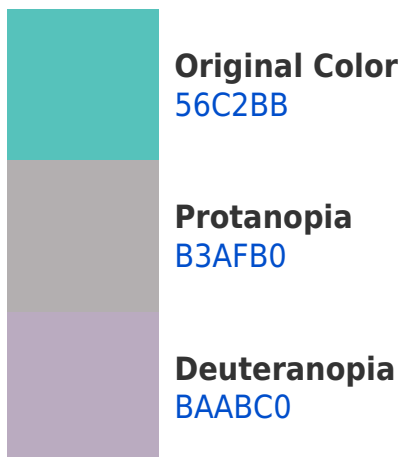


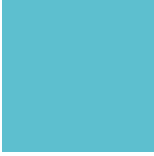
This preview shows how white text looks on a background with the Hex color 56C2BB.

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
5DBFCF

Trichromacy



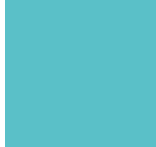
Original Color
56C2BB



Protanomaly
91B6B4



Deuteranomaly
96B3BE

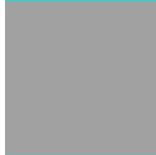


Tritanomaly
5AC0C8

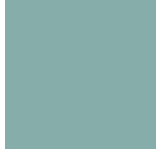
Monochromacy



Original Color
56C2BB



Achromatopsia
A1A1A1



Achromatomaly
86ADAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 56C2BB 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 #56C2BB looks like.

```
.text, #text, p{  
    color:#56C2BB  
}
```

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 #56C2BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C2BB  
}
```

Border

The CSS property to change the border of an element to Hex 56C2BB 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  
#56C2BB }
```

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

```
.border{ border-color:#56C2BB }
```

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

Here you see how a box with a 4 pixel #56C2BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C2BB; -webkit-box-shadow:4px 4px  
4px 4px #56C2BB; box-shadow:4px 4px 4px  
4px #56C2BB }
```

Background

The CSS property to change the background color of an element to Hex 56C2BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C2BB }
```

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

```
.background{ background-color:#56C2BB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor