

Converting Colors

Hex(57C5B6)

Have a look what the booklet for
Hex(57C5B6) contains.

Hex(57C5B6)	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(57C5B6)

Conversions

Conversions Part 1

Format	Color
Hex	57C5B6
RGB	87, 197, 182
RGB Percent	34%, 77%, 71%
CMY	0.6588, 0.2275, 0.2863
CMYK	0.56, 0.00, 0.08, 0.23
HSL	172°, 49%, 56%
HSV	172°, 56%, 77%
XYZ	32.3402, 45.3361, 51.3022
YIQ	162.4000, -60.7450, -27.9850

Conversions

Conversions Part 2

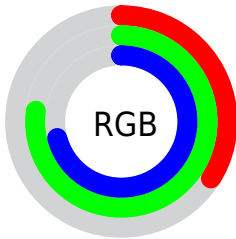
Format	Color
RYB	87, 146, 197
Decimal	5752246
CIELab	73.11, -35.04, -1.99
CIElCh	73, 35.099, 183.243
Yxy	45.3361, 0.2507, 0.3515
Android (android.graphics.Color)	4283942326 (0xFF57C5B6)
YUV	162.4000, 9.6628, -66.1258
Hunter-Lab	67.3321, -32.0960, 1.9578

Details

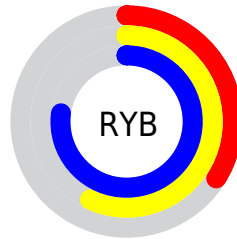
The Hex color **57C5B6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C55766**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **92FEEE**, and **068F81** is the 20% darker color. If you saturate the color by 10%, you get **43C5B3**, and if you desaturate by 10%, it is **6BC5B9**.

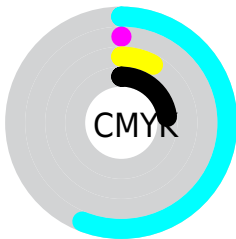
Distribution



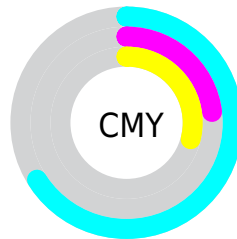
- Red (34%)
- Green (77%)
- Blue (71%)



- Red (34%)
- Yellow (57%)
- Blue (77%)



- Cyan (56%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (66%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57C5B6 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 57C5B6 by changing the saturation by 10% instead.

 57C5B6

 57C5B6

FFFFFF

 37A99B

 92FEEE

 068F81

 AFFFFFF

 007568

 CCFFFF

 005B50

 EAFFFF

 004339

 002C24

 00130F

 000000

 57C5B6

 57C5B6

 43C5B3

 6BC5B9

 30C5B1

 7EC5BB

 1CC5AE

 92C5BE

 08C5AB

 A6C5C1

 00C5AA

 BAC5C3

 CDC5C6

 E1C5C9

 F5C5CB

 FFC5CE

Harmonies

Analogous

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



7EC296



57C5B6



41C4D6

Triad

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



57C5B6



BCAAE9



E1A87B

Complementary

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



57C5B6



C55766

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.



F19E92



57C5B6



DFA0D1

Square

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



57C5B6



8DB5F3



F19BB1



C6B373

Rectangle

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



57C5B6



4EC1E6



F19BB1



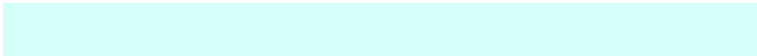
E8A481

Sweetspot

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



57C5B6



D4FFF9



68C557



66807C



000000



808080

Same Dimension

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



57C5B6



54FFE8



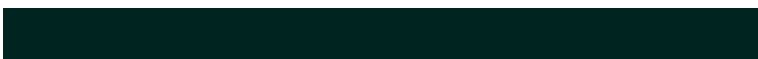
579FC5



5A6362



00A38D



00241F

Inverse Universe

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



C55766



FF546B



C57E57



635A5B



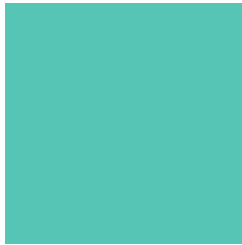
A30016



240005

Previews

White Background



This preview shows how the Hex color 57C5B6 looks on a white background.

Color Contrast Check

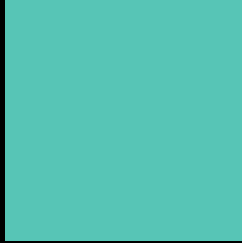
Large Text (above 18pt) WCAG AA × Fail

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 57C5B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

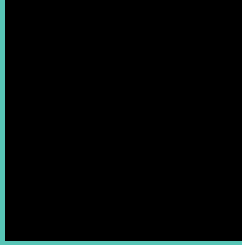
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

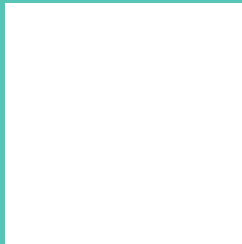
Any Text WCAG AAA ✓ Pass

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

Hex 57C5B6 Background



This preview shows how black text looks on a background with the Hex color 57C5B6.



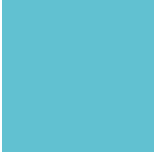
This preview shows how white text looks on a background with the Hex color 57C5B6.

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
61C1D1

Trichromacy



Original Color
57C5B6



Protanomaly
94B9AF



Deuteranomaly
9AB6B9



Tritanomaly
5DC2C7

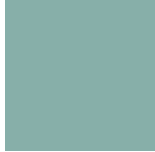
Monochromacy



Original Color
57C5B6



Achromatopsia
A2A2A2



Achromatomaly
87AFA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 57C5B6 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 #57C5B6 looks like.

```
.text, #text, p{  
    color:#57C5B6  
}
```

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 #57C5B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C5B6
}
```

Border

The CSS property to change the border of an element to Hex 57C5B6 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
#57C5B6 }
```

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

```
.border{ border-color:#57C5B6 }
```

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

Here you see how a box with a 4 pixel #57C5B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C5B6; -webkit-box-shadow:4px 4px  
4px 4px #57C5B6; box-shadow:4px 4px 4px  
4px #57C5B6 }
```

Background

The CSS property to change the background color of an element to Hex 57C5B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C5B6 }
```

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

```
.background{ background-color:#57C5B6 }
```

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