

Converting Colors

Hex(57B1B3)

Have a look what the booklet for
Hex(57B1B3) contains.

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Color

Hex(57B1B3)

Conversions

Conversions Part 1

Format	Color
Hex	57B1B3
RGB	87, 177, 179
RGB Percent	34%, 69%, 70%
CMY	0.6588, 0.3059, 0.2980
CMYK	0.51, 0.01, 0.00, 0.30
HSL	181°, 38%, 52%
HSV	181°, 51%, 70%
XYZ	27.7893, 36.7252, 48.2718
YIQ	150.3180, -54.2820, -18.4580

Conversions

Conversions Part 2

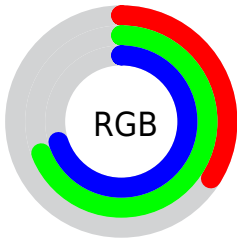
Format	Color
RYB	87, 132, 179
Decimal	5747123
CIELab	67.07, -26.21, -9.28
CIElCh	67, 27.799, 199.494
Yxy	36.7252, 0.2464, 0.3256
Android (android.graphics.Color)	4283937203 (0xFF57B1B3)
YUV	150.3180, 14.1402, -55.5299
Hunter-Lab	60.6013, -24.1994, -4.8064

Details

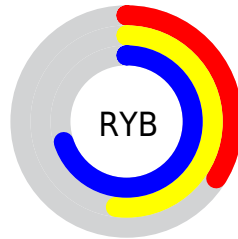
The Hex color **57B1B3** is a light color, and the websafe version is hex **339999**. A complement of this color would be **B35957**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **90E9EB**, and **137C7E** is the 20% darker color. If you saturate the color by 10%, you get **45B1B3**, and if you desaturate by 10%, it is **69B1B3**.

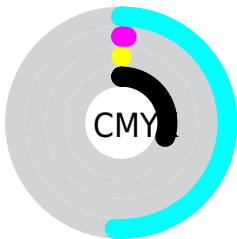
Distribution



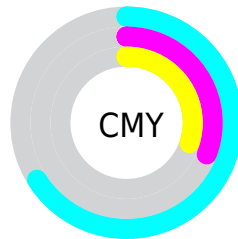
- Red (34%)
- Green (69%)
- Blue (70%)



- Red (34%)
- Yellow (52%)
- Blue (70%)



- Cyan (51%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (66%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57B1B3 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 57B1B3 by changing the saturation by 10% instead.

■ 57B1B3

■ 57B1B3

FFFFFF

■ 399698

■ 90E9EB

■ 137C7E

■ ACFFFF

■ 006365

■ C9FFFF

■ 004B4D

■ E7FFFF

■ 003337

■ 002021

■ 00000A

■ 000000

■ 57B1B3

■ 57B1B3

45B1B3

69B1B3

33B0B3

7BB2B3

21B0B3

8DB2B3

0FAFB3

9FB3B3

00AFB3

B1B3B3

C2B3B3

D4B4B3

E6B4B3

F8B5B3

Harmonies

Analogous

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



6BB199



57B1B3



5AAEC8

Triad

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



57B1B3



BB97C4



BD9F72

Complementary

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



57B1B3



B35957

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.



CF967E



57B1B3



CF92AD

Square

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



57B1B3



9BA0D2



D69194



A4A774

Rectangle

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



57B1B3



6BABD1



D69194



C49C75

Sweetspot

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



57B1B3



C5E7E8



57B359



607575



F5F5F5



757575

Same Dimension

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



57B1B3



58E5E8



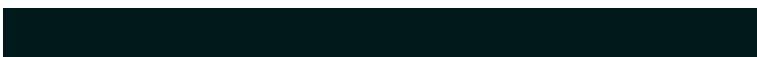
5783B3



505959



009699



00191A

Inverse Universe

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



B357B1



E858E5



B38757



595059



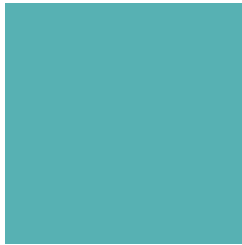
990096



1A0019

Previews

White Background



This preview shows how the Hex color 57B1B3 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 57B1B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

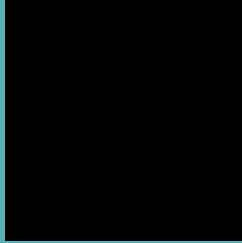
Any Text WCAG AA ✓ Pass

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 57B1B3 Background



This preview shows how black text looks on a background with the Hex color 57B1B3.

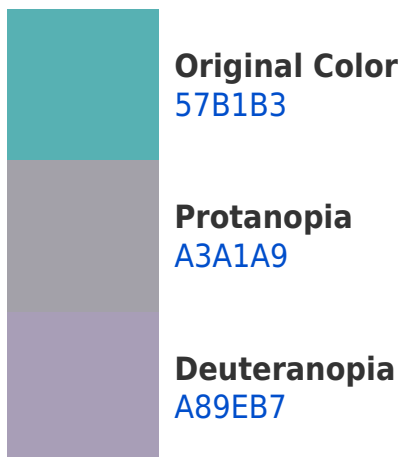


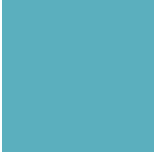
This preview shows how white text looks on a background with the Hex color 57B1B3.

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](#).

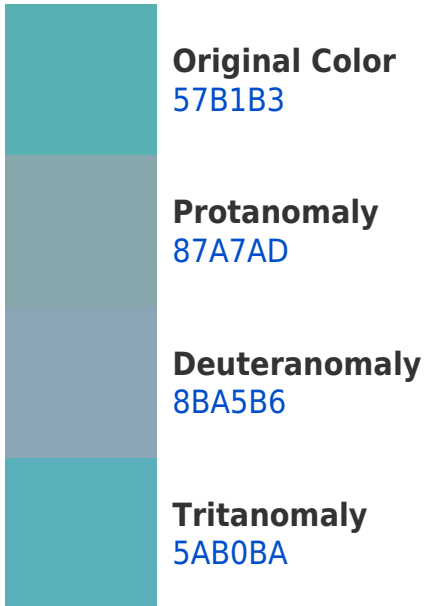
Dichromacy



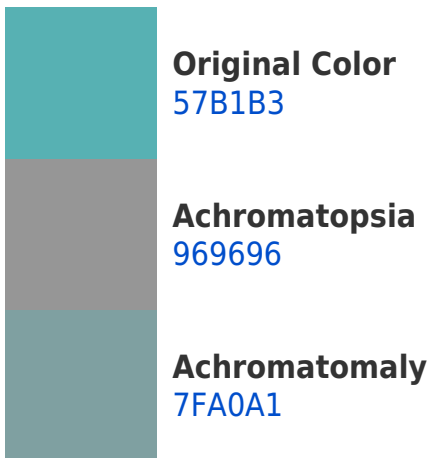


Tritanopia
5BAFBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57B1B3 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 #57B1B3 looks like.

```
.text, #text, p{  
    color:#57B1B3  
}
```

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 #57B1B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B1B3
}
```

Border

The CSS property to change the border of an element to Hex 57B1B3 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
#57B1B3 }
```

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

```
.border{ border-color:#57B1B3 }
```

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

Here you see how a box with a 4 pixel #57B1B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B1B3; -webkit-box-shadow:4px 4px  
4px 4px #57B1B3; box-shadow:4px 4px 4px  
4px #57B1B3 }
```

Background

The CSS property to change the background color of an element to Hex 57B1B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B1B3 }
```

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

```
.background{ background-color:#57B1B3 }
```

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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