

Converting Colors

Hex(55B7C3)

Have a look what the booklet for
Hex(55B7C3) contains.

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Color

Hex(55B7C3)

Conversions

Conversions Part 1

Format	Color
Hex	55B7C3
RGB	85, 183, 195
RGB Percent	33%, 72%, 76%
CMY	0.6667, 0.2824, 0.2353
CMYK	0.56, 0.06, 0.00, 0.24
HSL	187°, 48%, 55%
HSV	187°, 56%, 76%
XYZ	30.5301, 39.7384, 57.6909
YIQ	155.0660, -62.2600, -17.0440

Conversions

Conversions Part 2

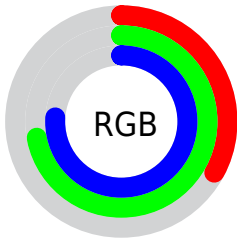
Format	Color
RYB	85, 137, 195
Decimal	5617603
CIELab	69.28, -25.17, -14.80
CIELCh	69, 29.200, 210.450
Yxy	39.7384, 0.2386, 0.3106
Android (android.graphics.Color)	4283807683 (0xFF55B7C3)
YUV	155.0660, 19.6875, -61.4479
Hunter-Lab	63.0384, -23.8679, -10.1336

Details

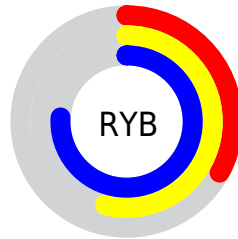
The Hex color **55B7C3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C36155**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **90EFFC**, and **01828D** is the 20% darker color. If you saturate the color by 10%, you get **42B5C3**, and if you desaturate by 10%, it is **69B9C3**.

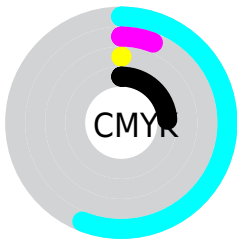
Distribution



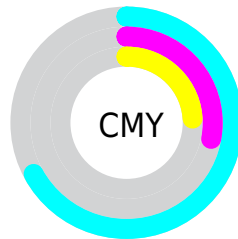
- Red (33%)
- Green (72%)
- Blue (76%)



- Red (33%)
- Yellow (54%)
- Blue (76%)



- Cyan (56%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (67%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55B7C3 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 55B7C3 by changing the saturation by 10% instead.

 55B7C3

 55B7C3

FFFFFF

 359CA8

 90EFC

 01828D

 ADFFFF

 006874

 CAFFFF

 00505B

 E8FFFF

 003844

 00232D

 000119

 000000

 55B7C3

 55B7C3

■ 42B5C3

■ 69B9C3

■ 2EB3C3

■ 7CBBC3

■ 1AB1C3

■ 90BDC3

■ 07AEC3

■ A3C0C3

■ 00AEC3

■ B7C2C3

■ CAC4C3

■ DDC6C3

■ F1C8C3

■ FFCAC3

Harmonies

Analogous

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



64B8A9



55B7C3



64B3D6

Triad

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



55B7C3



CB9AC4



BBA874

Complementary

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



55B7C3



C36155

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.



D19F7C



55B7C3



DC96AA

Square

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



55B7C3



ADA2D7



DD9890



9FB07B

Rectangle

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



55B7C3



7BAEDD



DD9890



C4A575

Sweetspot

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



55B7C3



D2F8FC



55C360



667D80



000000



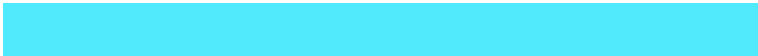
808080

Same Dimension

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



55B7C3



51EAF3



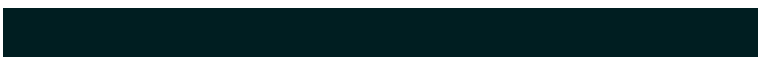
5581C3



576061



008FA1



001E21

Inverse Universe

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



C355B7



FC51EA



C39755



615760



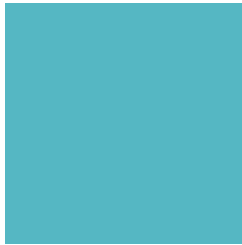
A1008F



21001E

Previews

White Background



This preview shows how the Hex color 55B7C3 looks on a white background.

Color Contrast Check

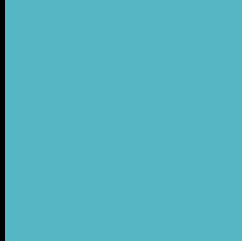
Large Text (above 18pt) WCAG AA × Fail

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 55B7C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

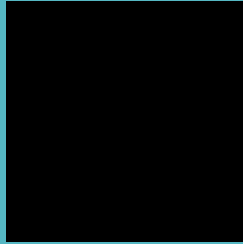
Any Text WCAG AA ✓ Pass

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 55B7C3 Background



This preview shows how black text looks on a background with the Hex color 55B7C3.

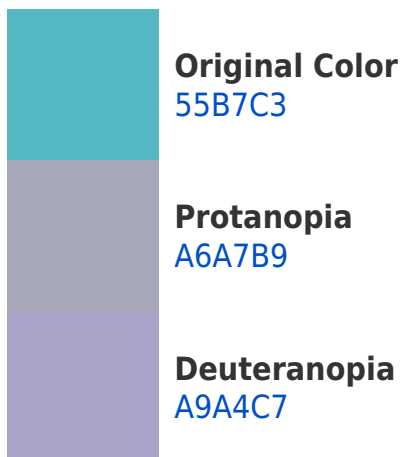


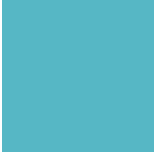
This preview shows how white text looks on a background with the Hex color 55B7C3.

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](#).

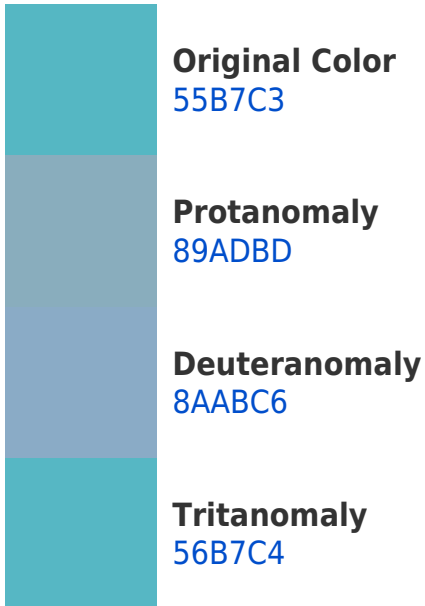
Dichromacy



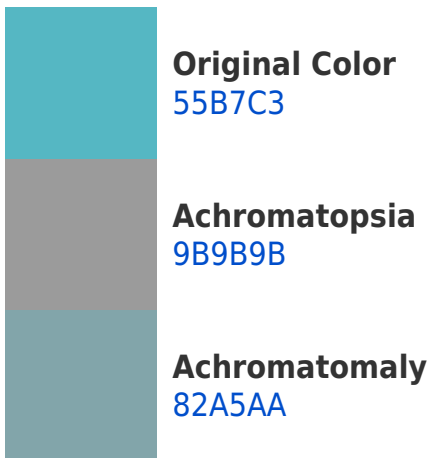


Tritanopia
56B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55B7C3 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 #55B7C3 looks like.

```
.text, #text, p{  
    color:#55B7C3  
}
```

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 #55B7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B7C3
}
```

Border

The CSS property to change the border of an element to Hex 55B7C3 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
#55B7C3 }
```

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

```
.border{ border-color:#55B7C3 }
```

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

Here you see how a box with a 4 pixel #55B7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B7C3; -webkit-box-shadow:4px 4px  
4px 4px #55B7C3; box-shadow:4px 4px 4px  
4px #55B7C3 }
```

Background

The CSS property to change the background color of an element to Hex 55B7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B7C3 }
```

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

```
.background{ background-color:#55B7C3 }
```

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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