

Converting Colors

Hex(55BBA9)

Have a look what the booklet for
Hex(55BBA9) contains.

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Color

Hex(55BBA9)

Conversions

Conversions Part 1

Format	Color
Hex	55BBA9
RGB	85, 187, 169
RGB Percent	33%, 73%, 66%
CMY	0.6667, 0.2667, 0.3373
CMYK	0.55, 0.00, 0.10, 0.27
HSL	169°, 43%, 53%
HSV	169°, 55%, 73%
XYZ	28.6781, 40.3365, 43.8104
YIQ	154.4500, -55.0140, -27.2220

Conversions

Conversions Part 2

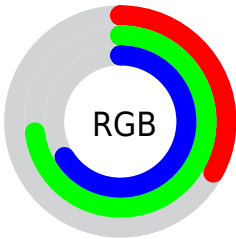
Format	Color
R _Y B	85, 141, 187
Decimal	5618601
CIE Lab	69.71, -34.08, 0.12
CIE LCh	70, 34.077, 179.794
Yxy	40.3365, 0.2542, 0.3575
Android (android.graphics.Color)	4283808681 (0xFF55BBA9)
YUV	154.4500, 7.1732, -60.9076
Hunter-Lab	63.5110, -30.5436, 3.5591

Details

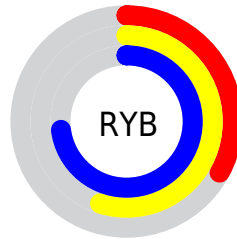
The Hex color **55BBA9** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BB5567**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **8FF4E0**, and **0B8575** is the 20% darker color. If you saturate the color by 10%, you get **42BBA6**, and if you desaturate by 10%, it is **68BBAC**.

Distribution



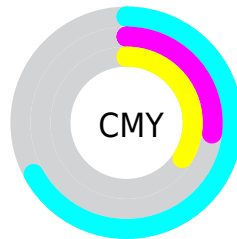
- Red (33%)
- Green (73%)
- Blue (66%)



- Red (33%)
- Yellow (55%)
- Blue (73%)



- Cyan (55%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)



- Cyan (67%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55BBA9 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 55BBA9 by changing the saturation by 10% instead.

 55BBA9

 55BBA9

FFFFFF

 36A08F

 8FF4E0

 0B8575

 ABFFFD

 006B5C

 C8FFFF

 005345

 E6FFFF

 003B2F

 00261A

 000000

 55BBA9

 55BBA9

 42BBA6

 68BBAC

 30BBA2

 7ABBB0

 1DBB9F

 8DBBB3

 0ABB9C

 A0BBB6

 00BB9A

 B3BBBA

 C5BBBD

 D8BBC0

 EBBBC3

 FDBBC7

Harmonies

Analogous

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



7BB88A



55BBA9



3BBAC8

Triad

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



55BBA9



AEA2E0



D99E76

Complementary

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



55BBA9



BB5567

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.



E6958D



55BBA9



D198CA

Square

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



55BBA9



7FADE8



E493AC



BFA86C

Rectangle

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



55BBA9



44B8D9



E493AC



DF9A7C

Sweetspot

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



55BBA9



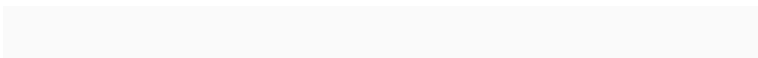
CBF2EB



68BB55



637A76



FAFAFA



7A7A7A

Same Dimension

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



55BBA9



55F2D6



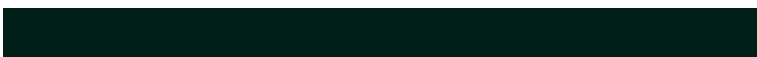
559BBB



555E5D



009E82



001F19

Inverse Universe

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



BB5567



F25571



BB7555



5E5557



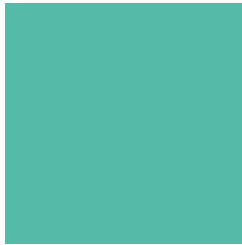
9E001C



1F0005

Previews

White Background



This preview shows how the Hex color 55BBA9 looks on a white background.

Color Contrast Check

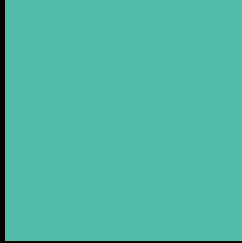
Large Text (above 18pt) WCAG AA × Fail

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 55BBA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

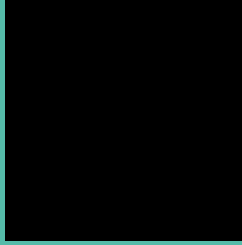
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

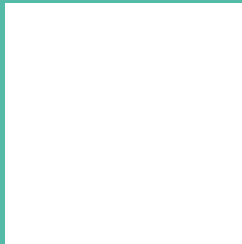
Any Text WCAG AAA ✓ Pass

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

Hex 55BBA9 Background



This preview shows how black text looks on a background with the Hex color 55BBA9.

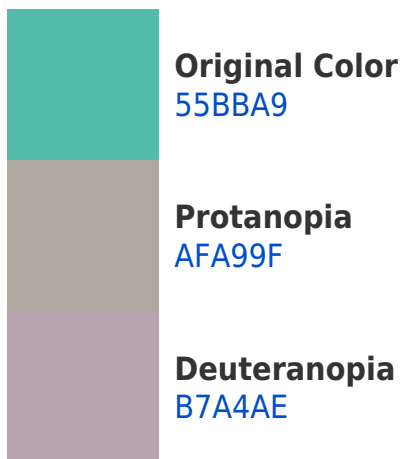


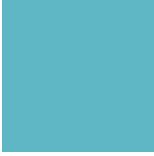
This preview shows how white text looks on a background with the Hex color 55BBA9.

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](#).

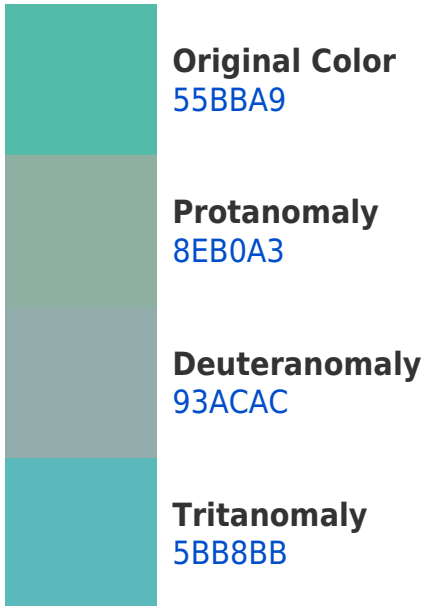
Dichromacy



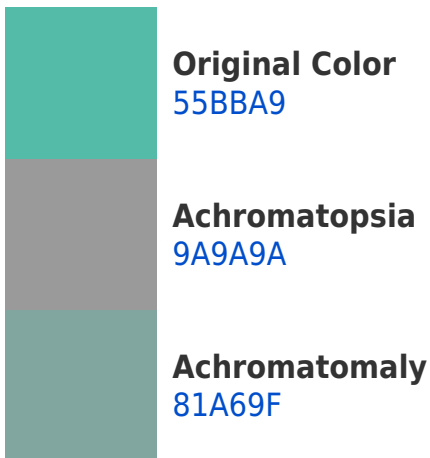


Tritanopia
5FB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55BBA9 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 #55BBA9 looks like.

```
.text, #text, p{  
    color:#55BBA9  
}
```

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 #55BBA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55BBA9
}
```

Border

The CSS property to change the border of an element to Hex 55BBA9 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
#55BBA9 }
```

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

```
.border{ border-color:#55BBA9 }
```

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

Here you see how a box with a 4 pixel #55BBA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55BBA9; -webkit-box-shadow:4px 4px  
4px 4px #55BBA9; box-shadow:4px 4px 4px  
4px #55BBA9 }
```

Background

The CSS property to change the background color of an element to Hex 55BBA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55BBA9 }
```

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

```
.background{ background-color:#55BBA9 }
```

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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