

Converting Colors

Hex(55AAA9)

Have a look what the booklet for
Hex(55AAA9) contains.

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Color

Hex(55AAA9)

Conversions

Conversions Part 1

Format	Color
Hex	55AAA9
RGB	85, 170, 169
RGB Percent	33%, 67%, 66%
CMY	0.6667, 0.3333, 0.3373
CMYK	0.50, 0.00, 0.01, 0.33
HSL	179°, 33%, 50%
HSV	179°, 50%, 67%
XYZ	25.2825, 33.5453, 42.6785
YIQ	144.4710, -50.3390, -18.3310

Conversions

Conversions Part 2

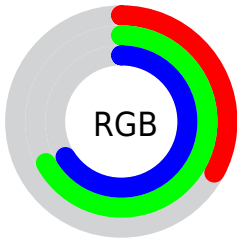
Format	Color
RYB	85, 128, 170
Decimal	5614249
CIELab	64.60, -25.85, -7.40
CIELCh	65, 26.892, 195.978
Yxy	33.5453, 0.2491, 0.3305
Android (android.graphics.Color)	4283804329 (0xFF55AAA9)
YUV	144.4710, 12.0928, -52.1561
Hunter-Lab	57.9183, -23.4384, -3.1464

Details

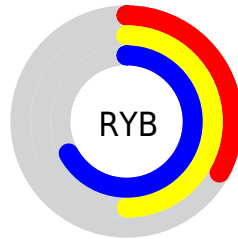
The Hex color **55AAA9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA5556**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8DE2E0**, and **147575** is the 20% darker color. If you saturate the color by 10%, you get **44AAA9**, and if you desaturate by 10%, it is **66AAA9**.

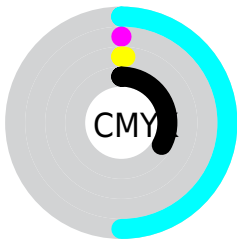
Distribution



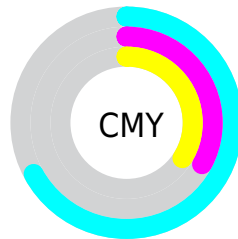
- Red (33%)
- Green (67%)
- Blue (66%)



- Red (33%)
- Yellow (50%)
- Blue (67%)



- Cyan (50%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (67%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55AAA9 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 55AAA9 by changing the saturation by 10% instead.

■ 55AAA9

■ 55AAA9

FFFFFF

■ 388F8F

■ 8DE2E0

■ 147575

■ A9FEFD

■ 005C5C

■ C6FFFF

■ 004445

■ E3FFFF

■ 002E2F

■ 00191A

■ 000000

■ 55AAA9

■ 55AAA9

■ 44AAA9

■ 66AAA9

33AAA9

77AAA9

22AAA8

88AAAA

11AAA8

99AAAA

00AAA8

AAAAAA

BBAAAA

CCAAAA

DDAAB

EEAAB

Harmonies

Analogous

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



6AA990



55AAA9



55A8BE

Triad

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



55AAA9



B092BE



B8976E

Complementary

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



55AAA9



AA5556

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.



C8907B



55AAA9



C58CA9

Square

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



55AAA9



919ACB



CD8B91



A19F6E

Rectangle

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



55AAA9



64A4C8



CD8B91



BE9571

Sweetspot

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



55AAA9



BDEDD



56AA55



5C7070



F0F0F0



707070

Same Dimension

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



55AAA9



59DEDC



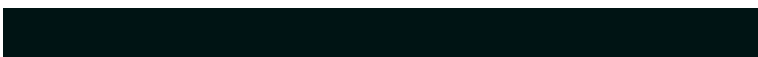
5581AA



4C5454



009492



001414

Inverse Universe

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



AA5556



DE595A



AA7E55



544C4C



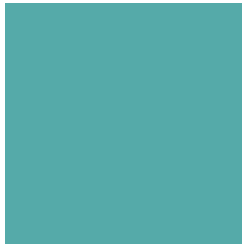
940002



140000

Previews

White Background



This preview shows how the Hex color 55AAA9 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 55AAA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

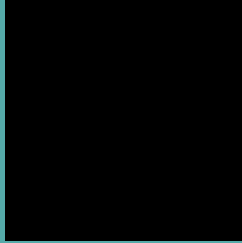
Any Text WCAG AA ✓ Pass

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 55AAA9 Background



This preview shows how black text looks on a background with the Hex color 55AAA9.

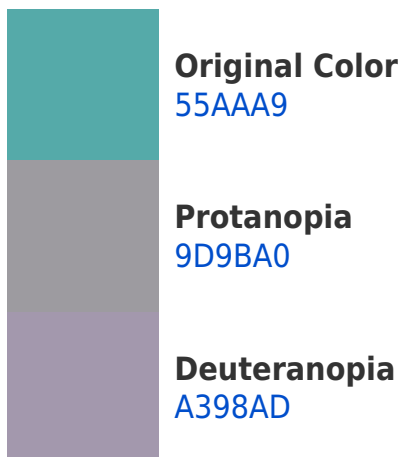


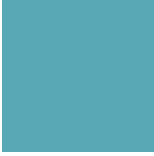
This preview shows how white text looks on a background with the Hex color 55AAA9.

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
59A8B6

Trichromacy



Original Color
55AAA9



Protanomaly
83A0A3



Deuteranomaly
879FAC



Tritanomaly
58A9B1

Monochromacy



Original Color
55AAA9



Achromatopsia
909090



Achromatomaly
7B9999

CSS Examples

Text

The CSS property to change the color of the text to Hex 55AAA9 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 #55AAA9 looks like.

```
.text, #text, p{  
    color:#55AAA9  
}
```

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 #55AAA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55AAA9
}
```

Border

The CSS property to change the border of an element to Hex 55AAA9 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
#55AAA9 }
```

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

```
.border{ border-color:#55AAA9 }
```

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

Here you see how a box with a 4 pixel #55AAA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55AAA9; -webkit-box-shadow:4px 4px  
4px 4px #55AAA9; box-shadow:4px 4px 4px  
4px #55AAA9 }
```

Background

The CSS property to change the background color of an element to Hex 55AAA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55AAA9 }
```

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

```
.background{ background-color:#55AAA9 }
```

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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