

Converting Colors

Hex(55CAAD)

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

Hex(55CAAD)	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(55CAAD)

Conversions

Conversions Part 1

Format	Color
Hex	55CAAD
RGB	85, 202, 173
RGB Percent	33%, 79%, 68%
CMY	0.6667, 0.2078, 0.3216
CMYK	0.58, 0.00, 0.14, 0.21
HSL	165°, 52%, 56%
HSV	165°, 58%, 79%
XYZ	32.4097, 47.1895, 46.9355
YIQ	163.7110, -60.4230, -33.8230

Conversions

Conversions Part 2

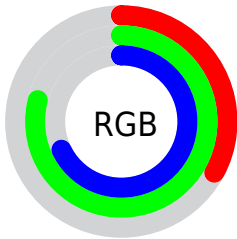
Format	Color
RYB	85, 152, 202
Decimal	5622445
CIELab	74.31, -39.96, 4.63
CIElCh	74, 40.224, 173.394
Yxy	47.1895, 0.2561, 0.3729
Android (android.graphics.Color)	4283812525 (0xFF55CAAD)
YUV	163.7110, 4.5795, -69.0295
Hunter-Lab	68.6946, -36.0004, 7.5764

Details

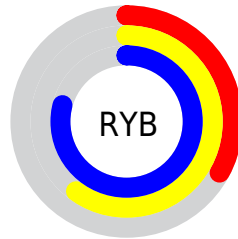
The Hex color **55CAAD** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CA5572**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **90FFE4**, and **009379** is the 20% darker color. If you saturate the color by 10%, you get **41CAA8**, and if you desaturate by 10%, it is **69CAB2**.

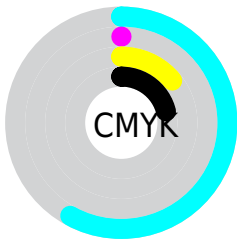
Distribution



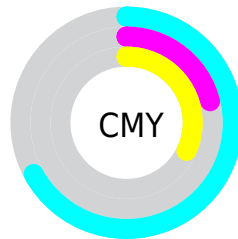
- Red (33%)
- Green (79%)
- Blue (68%)



- Red (33%)
- Yellow (60%)
- Blue (79%)



- Cyan (58%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (67%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 55CAAD

 55CAAD

FFFFFF

 34AE92

 90FFE4

 009379

 AEFFFF

 007960

 CBFFFF

 005F48

 E9FFFF

 004732

 002F1D

 001804

 000000

 55CAAD

 55CAAD

 41CAA8

 69CAB2

 2DCAA3

 7DCAB7

 18CA9E

 92CABC

 04CA99

 A6CAC1

 00CA98

 BACAC6

 CECACB

 E2CAD0

 F7CAD5

 FFCADA

Harmonies

Analogous

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



87C689



55CAAD



18CAD3

Triad

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



55CAAD



AFB0FA



F2A57D

Complementary

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



55CAAD



CA5572

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.



FF9C9B



55CAAD



DEA3E3

Square

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



55CAAD



72BDFE



F99BC1



D6B26D

Rectangle

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



55CAAD



13C8E8



F99BC1



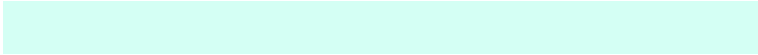
F8A186

Sweetspot

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



55CAAD



D4FFF4



72CA55



668079



000000



808080

Same Dimension

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



55CAAD



4DFFD3



55ADCA



5C6663



00A67D



00261D

Inverse Universe

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



CA5572



FF4D79



CA7255



665C5E



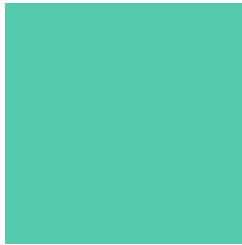
A60029



260009

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

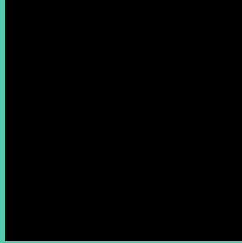
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

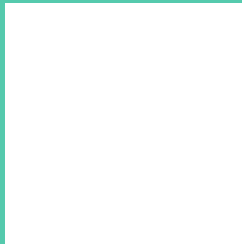
Any Text WCAG AAA ✓ Pass

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

Hex 55CAAD Background



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

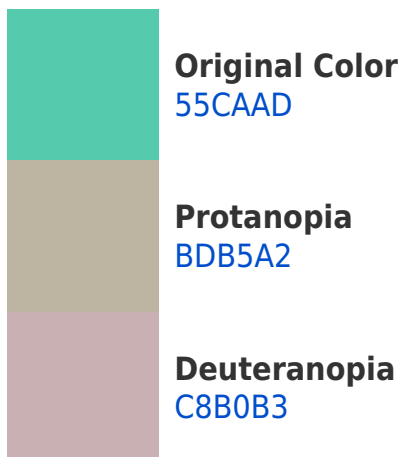


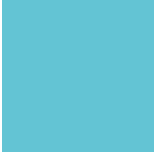
This preview shows how white text looks on a background with the Hex color 55CAAD.

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
63C4D4

Trichromacy



Original Color
55CAAD



Protanomaly
97BDA6



Deuteranomaly
9EB9B1

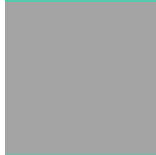


Tritanomaly
5EC6C6

Monochromacy



Original Color
55CAAD



Achromatopsia
A4A4A4



Achromatomaly
87B2A7

CSS Examples

Text

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

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

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 #55CAAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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