

Converting Colors

Hex(55C8A6)

Have a look what the booklet for
Hex(55C8A6) contains.

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Color

Hex(55C8A6)

Conversions

Conversions Part 1

Format	Color
Hex	55C8A6
RGB	85, 200, 166
RGB Percent	33%, 78%, 65%
CMY	0.6667, 0.2157, 0.3490
CMYK	0.58, 0.00, 0.17, 0.22
HSL	162°, 51%, 56%
HSV	162°, 58%, 78%
XYZ	31.2835, 45.9930, 43.3051
YIQ	161.7390, -57.6260, -34.9540

Conversions

Conversions Part 2

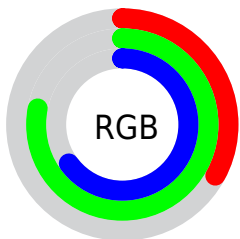
Format	Color
RYB	85, 152, 200
Decimal	5621926
CIELab	73.54, -40.73, 7.30
CIElCh	74, 41.382, 169.839
Yxy	45.9930, 0.2594, 0.3814
Android (android.graphics.Color)	4283812006 (0xFF55C8A6)
YUV	161.7390, 2.1007, -67.3001
Hunter-Lab	67.8182, -36.3423, 9.6132

Details

The Hex color **55C8A6** 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 **C85577**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **90FFDD**, and **009172** is the 20% darker color. If you saturate the color by 10%, you get **41C8A0**, and if you desaturate by 10%, it is **69C8AC**.

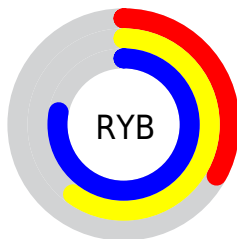
Distribution



Red (33%)

Green (78%)

Blue (65%)



Red (33%)

Yellow (60%)

Blue (78%)

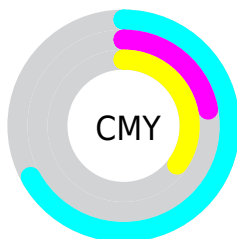


Cyan (58%)

Magenta (0%)

Yellow (17%)

Black (22%)



Cyan (67%)

Magenta (22%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55C8A6 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 55C8A6 by changing the saturation by 10% instead.

 55C8A6

 55C8A6

FFFFFF

 35AC8C

 90FFDD

 009172

 ADFFFA

 00775A

 CAFFFF

 005E42

 E8FFFF

 00452C

 002E17

 001500

 000000

 55C8A6

 55C8A6

 41C8A0

 69C8AC

 2DC89A

 7DC8B2

 19C894

 91C8B8

 05C88E

 A5C8BE

 00C88D

 B9C8C4

 CDC8C9

 E1C8CF

 F5C8D5

 FFC8DB

Harmonies

Analogous

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



88C382



55C8A6



00C9CD

Triad

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



55C8A6



A6B0FC



F3A17C

Complementary

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



55C8A6



C85577

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.



FE989D



55C8A6



D8A2E6

Square

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



55C8A6



64BCFF



F698C3



D9AE6A

Rectangle

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



55C8A6



00C7E4



F698C3



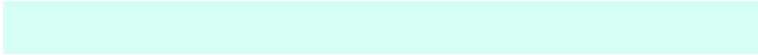
F99D86

Sweetspot

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



55C8A6



D4FFF2



78C855



668078



000000



808080

Same Dimension

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



55C8A6



4FFFCB



55B1C8



5A6361



00A373



002419

Inverse Universe

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



C85577



FF4F83



C86C55



635A5C



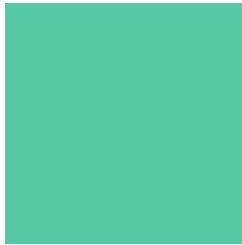
A30030



24000B

Previews

White Background



This preview shows how the Hex color 55C8A6 looks on a white background.

Color Contrast Check

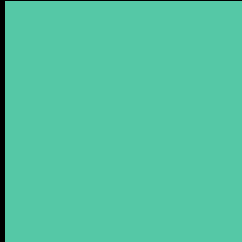
Large Text (above 18pt) WCAG AA × Fail

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 55C8A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

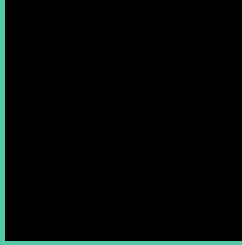
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

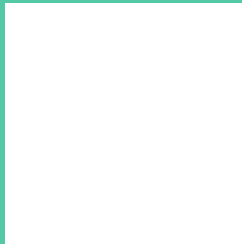
Any Text WCAG AAA ✓ Pass

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

Hex 55C8A6 Background



This preview shows how black text looks on a background with the Hex color 55C8A6.

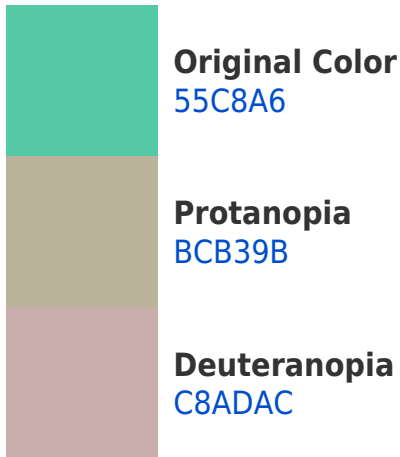


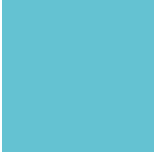
This preview shows how white text looks on a background with the Hex color 55C8A6.

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
64C2D2

Trichromacy



Original Color
55C8A6



Protanomaly
97BB9F



Deuteranomaly
9EB7AA



Tritanomaly
5FC4C2

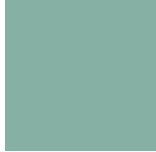
Monochromacy



Original Color
55C8A6



Achromatopsia
A2A2A2



Achromatomaly
86B0A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 55C8A6 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 #55C8A6 looks like.

```
.text, #text, p{  
    color:#55C8A6  
}
```

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 #55C8A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C8A6
}
```

Border

The CSS property to change the border of an element to Hex 55C8A6 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
#55C8A6 }
```

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

```
.border{ border-color:#55C8A6 }
```

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

Here you see how a box with a 4 pixel #55C8A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C8A6; -webkit-box-shadow:4px 4px  
4px 4px #55C8A6; box-shadow:4px 4px 4px  
4px #55C8A6 }
```

Background

The CSS property to change the background color of an element to Hex 55C8A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C8A6 }
```

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

```
.background{ background-color:#55C8A6 }
```

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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