

Converting Colors

Hex(55C17A)

Have a look what the booklet for
Hex(55C17A) contains.

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Color

Hex(55C17A)

Conversions

Conversions Part 1

Format	Color
Hex	55C17A
RGB	85, 193, 122
RGB Percent	33%, 76%, 48%
CMY	0.6667, 0.2431, 0.5216
CMYK	0.56, 0.00, 0.37, 0.24
HSL	141°, 47%, 55%
HSV	141°, 56%, 76%
XYZ	26.3291, 41.4764, 25.0304
YIQ	152.6140, -41.5770, -44.9770

Conversions

Conversions Part 2

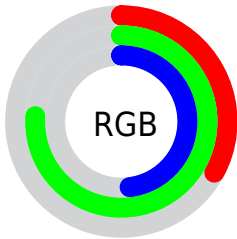
Format	Color
RYB	85, 165, 193
Decimal	5620090
CIELab	70.51, -46.94, 26.63
CIElCh	71, 53.972, 150.430
Yxy	41.4764, 0.2836, 0.4468
Android (android.graphics.Color)	4283810170 (0xFF55C17A)
YUV	152.6140, -15.0927, -59.2975
Hunter-Lab	64.4021, -39.7287, 22.0380

Details

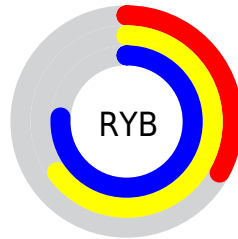
The Hex color **55C17A** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C1559C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **8EFAAF**, and **0B8A48** is the 20% darker color. If you saturate the color by 10%, you get **42C16D**, and if you desaturate by 10%, it is **68C187**.

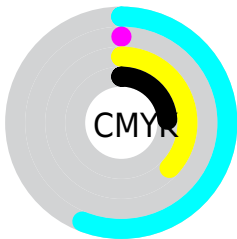
Distribution



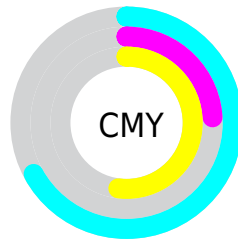
- Red (33%)
- Green (76%)
- Blue (48%)



- Red (33%)
- Yellow (65%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (37%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55C17A 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 55C17A by changing the saturation by 10% instead.

 55C17A

 55C17A

FFFFFF

 36A561

 8EFAAF

 0B8A48

 ABFFCB

 007031

 C8FFE7

 00571A

 E6FFFF

 003E02

 002900

 000300

 000000

 55C17A

 55C17A

 42C16D

 68C187

 2EC161

 7CC193

 1BC154

 8FC1A0

 08C147

 A2C1AD

 00C142

 B6C1B9

 C9C1C6

 DCC1D3

 EFC1E0

 FFC1EC

Harmonies

Analogous

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



96B854



55C17A



00C5AC

Triad

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



55C17A



4EB1FF



FF887D

Complementary

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



55C17A



C1559C

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.



FF82AE



55C17A



B09FFF

Square

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



55C17A



00BEFF



E98CDE



EF9857

Rectangle

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



55C17A



00C5CD



E98CDE



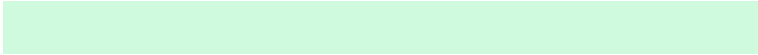
FF848D

Sweetspot

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



55C17A



CFFADE



9DC155



647D6D



FCFCFC



7D7D7D

Same Dimension

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



55C17A



52FA8C



55C1AF



57615B



00A137



00210B

Inverse Universe

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



C1559C



FA52C1



C15567



61575E



A1006A



210016

Previews

White Background



This preview shows how the Hex color 55C17A looks on a white background.

Color Contrast Check

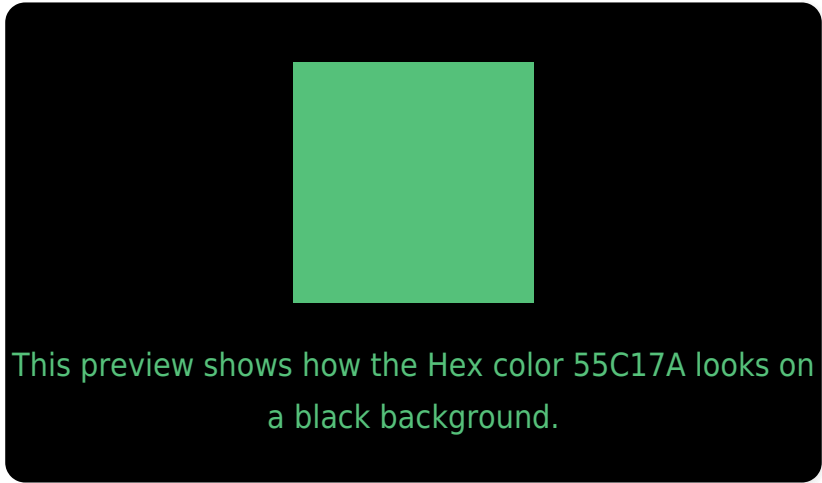
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 55C17A Background



This preview shows how black text looks on a background with the Hex color 55C17A.

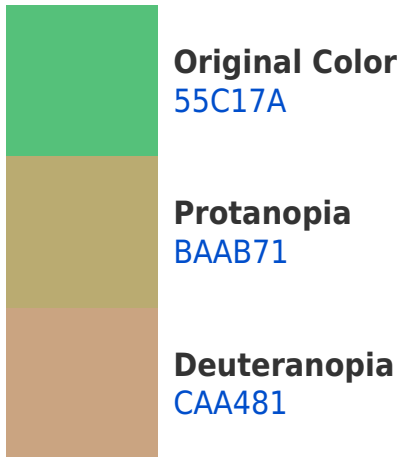


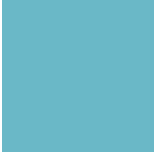
This preview shows how white text looks on a background with the Hex color 55C17A.

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](#).

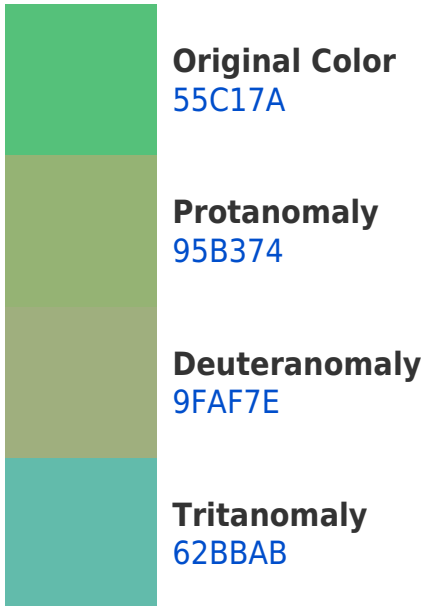
Dichromacy



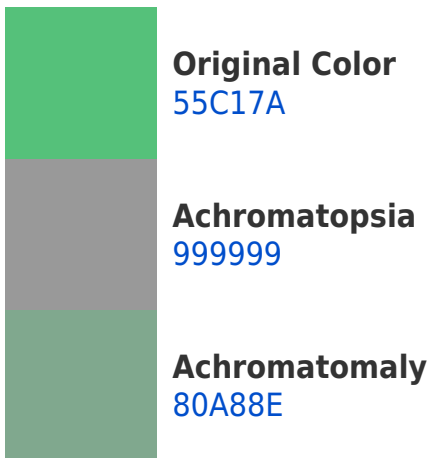


Tritanopia
6AB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55C17A 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 #55C17A looks like.

```
.text, #text, p{  
    color:#55C17A  
}
```

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 #55C17A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C17A
}
```

Border

The CSS property to change the border of an element to Hex 55C17A 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
#55C17A }
```

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

```
.border{ border-color:#55C17A }
```

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

Here you see how a box with a 4 pixel #55C17A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C17A; -webkit-box-shadow:4px 4px  
4px 4px #55C17A; box-shadow:4px 4px 4px  
4px #55C17A }
```

Background

The CSS property to change the background color of an element to Hex 55C17A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C17A }
```

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

```
.background{ background-color:#55C17A }
```

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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