

Converting Colors

Hex(55A37A)

Have a look what the booklet for
Hex(55A37A) contains.

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Color

Hex(55A37A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 55A37A |
| RGB | 85, 163, 122 |
| RGB Percent | 33%, 64%, 48% |
| CMY | 0.6667, 0.3608, 0.5216 |
| CMYK | 0.48, 0.00, 0.25, 0.36 |
| HSL | 148°, 31%, 49% |
| HSV | 148°, 48%, 64% |
| XYZ | 20.3564, 29.5308, 23.0395 |
| YIQ | 135.0040, -33.3270, -29.2870 |

Conversions

Conversions Part 2

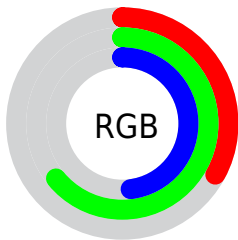
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 85, 138, 163 |
| Decimal | 5612410 |
| CIELab | 61.25, -33.81, 14.01 |
| CIELCh | 61, 36.597, 157.499 |
| Yxy | 29.5308, 0.2791, 0.4049 |
| Android (android.graphics.Color) | 4283802490 (0xFF55A37A) |
| YUV | 135.0040, -6.4110, -43.8535 |
| Hunter-Lab | 54.3423, -28.2337, 12.9024 |

Details

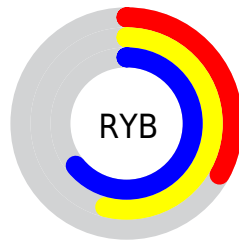
The Hex color **55A37A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A3557E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8BDAAF**, and **1C6F49** is the 20% darker color. If you saturate the color by 10%, you get **45A371**, and if you desaturate by 10%, it is **65A383**.

Distribution



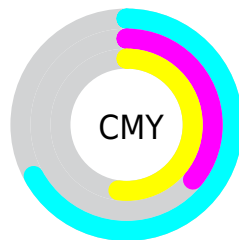
- Red (33%)
- Green (64%)
- Blue (48%)



- Red (33%)
- Yellow (54%)
- Blue (64%)



- Cyan (48%)
- Magenta (0%)
- Yellow (25%)
- Black (36%)



- Cyan (67%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55A37A 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 55A37A by changing the saturation by 10% instead.



55A37A



55A37A

FFFFFF



3A8861



8BDAAF



1C6F49



A7F7CA



005632



C3FFE6



003E1D



E0FFFF



002805



FDFFFF



000900



000000



55A37A



55A37A



45A371



65A383

■ 34A369

■ 76A38B

■ 24A360

■ 86A394

■ 14A358

■ 96A39C

■ 03A34F

■ A6A3A5

■ 00A34D

■ B7A3AD

■ C7A3B6

■ D7A3BF

■ E8A3C7

Harmonies

Analogous

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



7E9D5F



55A37A



1CA59B

Triad

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



55A37A



7194D4



CF7F6E

Complementary

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



55A37A



A3557E

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.



D27A8D



55A37A



A288C7

Square

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



55A37A



309ECF



C37EAD



BD8958

Rectangle

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



55A37A



00A4B1



C37EAD



D27D78

Sweetspot

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



55A37A



B6D4C4



7FA355



596B62



EBEBEB



6B6B6B

Same Dimension

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



55A37A



5BD494



55A3A0



49524D



009145



001208

Inverse Universe

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



A3557E



D45B9A



A35558



52494E



91004C



120009

Previews

White Background



This preview shows how the Hex color 55A37A looks on a white background.

Color Contrast Check

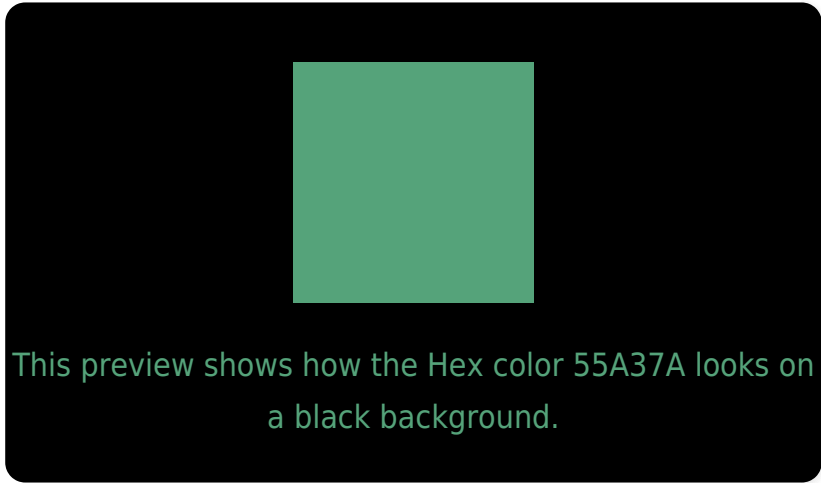
Large Text (above 18pt) WCAG AA ✓ Pass

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

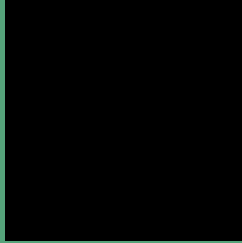
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 55A37A Background



This preview shows how black text looks on a background with the Hex color 55A37A.



This preview shows how white text looks on a background with the Hex color 55A37A.

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



Original Color
55A37A

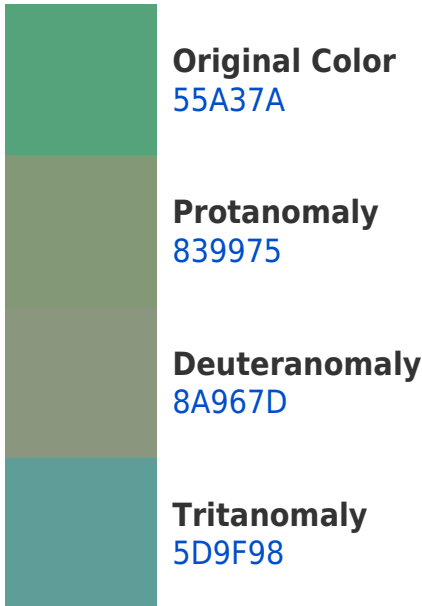
Protanopia
9D9372

Deuteranopia
A88E7F

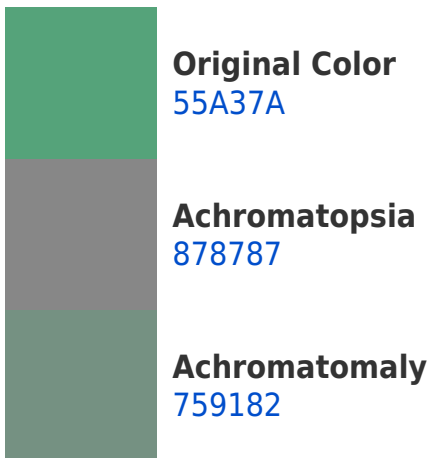


Tritanopia
619DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55A37A 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 #55A37A looks like.

```
.text, #text, p{  
    color:#55A37A  
}
```

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 #55A37A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A37A
}
```

Border

The CSS property to change the border of an element to Hex 55A37A 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
#55A37A }
```

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

```
.border{ border-color:#55A37A }
```

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

Here you see how a box with a 4 pixel #55A37A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A37A; -webkit-box-shadow:4px 4px  
4px 4px #55A37A; box-shadow:4px 4px 4px  
4px #55A37A }
```

Background

The CSS property to change the background color of an element to Hex 55A37A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A37A }
```

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

```
.background{ background-color:#55A37A }
```

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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