

# Converting Colors

Hex(53A781)

Have a look what the booklet for  
Hex(53A781) contains.

|  |    |
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# **Color**

**Hex(53A781)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 53A781                       |
| RGB         | 83, 167, 129                 |
| RGB Percent | 33%, 65%, 51%                |
| CMY         | 0.6745, 0.3451, 0.4941       |
| CMYK        | 0.50, 0.00, 0.23, 0.35       |
| HSL         | 153°, 34%, 49%               |
| HSV         | 153°, 50%, 65%               |
| XYZ         | 21.3484, 31.0614, 25.6392    |
| YIQ         | 137.5520, -37.8660, -29.6260 |

# Conversions

## Conversions Part 2

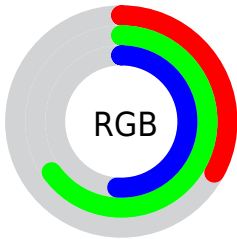
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 83, 137, 167                   |
| Decimal                             | 5482369                        |
| CIELab                              | 62.56, -34.68, 11.94           |
| CIElCh                              | 63, 36.683, 160.998            |
| Yxy                                 | 31.0614, 0.2735,<br>0.3980     |
| Android<br>(android.graphics.Color) | 4283672449<br>(0xFF53A781)     |
| YUV                                 | 137.5520, -4.2161,<br>-47.8421 |
| Hunter-Lab                          | 55.7328, -29.1579,<br>11.7373  |

# Details

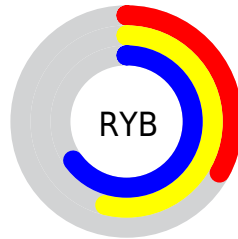
The Hex color **53A781** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A75379**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8ADFB6**, and **177250** is the 20% darker color. If you saturate the color by 10%, you get **42A779**, and if you desaturate by 10%, it is **64A789**.

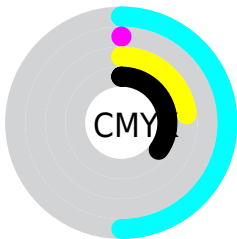
# Distribution



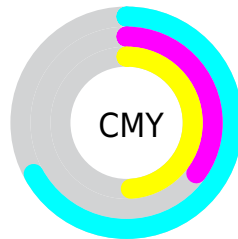
- Red (33%)
- Green (65%)
- Blue (51%)



- Red (33%)
- Yellow (54%)
- Blue (65%)



- Cyan (50%)
- Magenta (0%)
- Yellow (23%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53A781 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 53A781 by changing the saturation by 10% instead.





53A781



53A781

FFFFFF



378C68



8ADFB6



177250



A5FBD2



005939



C2FFEE



004123



DFFFFFF



002B0E



FCFFFF



001000



000000



53A781



53A781



42A779



64A789

 32A772

 74A790

 21A76A

 85A798

 10A763

 96A79F

 00A75B

 A6A7A7

 B7A7AE

 C8A7B6

 D9A7BD

 E9A7C5

# Harmonies

## Analogous

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



7DA265



53A781



18A9A3

# Triad

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



53A781



7B96D7



D1836E

# Complementary

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



53A781



A75379

# 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.



D67E8C



53A781



AA8AC9

# Square

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



53A781



3DA0D4



C980AD



BE8E5A

# Rectangle

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



53A781



00A8B8



C980AD



D58177



# Sweetspot

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



53A781



B8D9CA



7AA753



5A6E65



EDEDED



6E6E6E



# Same Dimension

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



53A781



57D99E



53A4A7



4C5450



009451



00140B



# Inverse Universe

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



A75379



D95792



A75653



544C50



940043

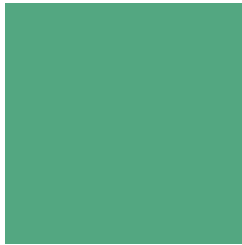


140009



# Previews

## White Background



This preview shows how the Hex color 53A781 looks on a white background.

## Color Contrast Check

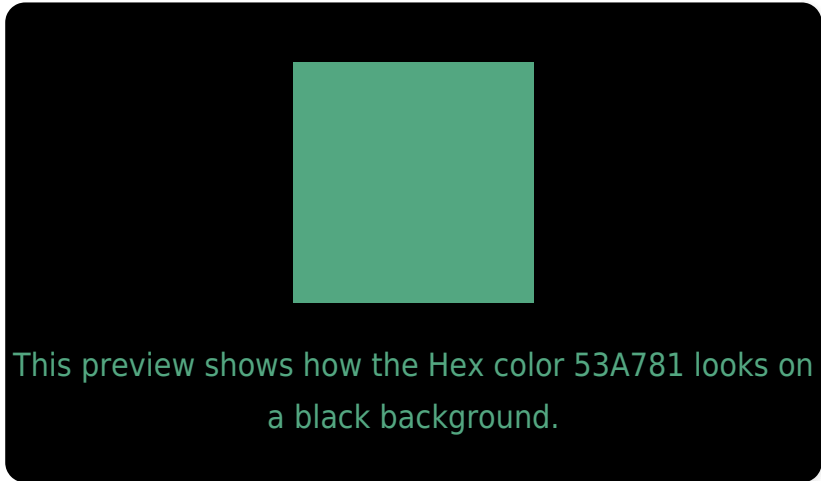
Large Text (above 18pt) WCAG AA × Fail

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

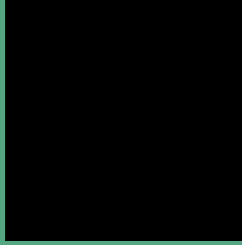
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 53A781 Background



This preview shows how black text looks on a background with the Hex color 53A781.

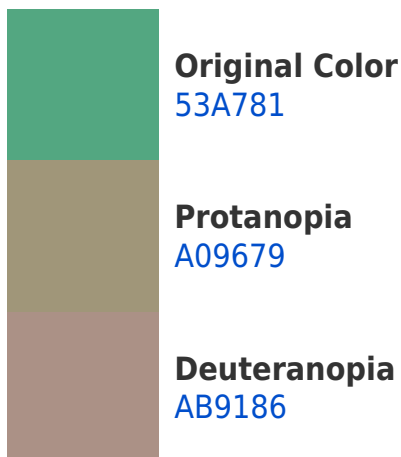


This preview shows how white text looks on a background with the Hex color 53A781.

# 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



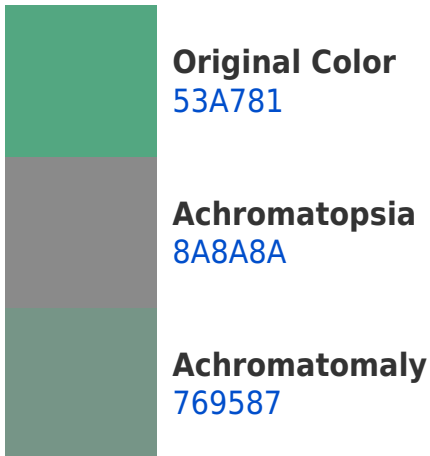


**Tritanopia**  
5FA1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53A781 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 #53A781 looks like.

```
.text, #text, p{  
    color:#53A781  
}
```

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 #53A781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A781
}
```

## Border

The CSS property to change the border of an element to Hex 53A781 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
#53A781 }
```

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

```
.border{ border-color:#53A781 }
```

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

Here you see how a box with a 4 pixel #53A781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A781; -webkit-box-shadow:4px 4px  
4px 4px #53A781; box-shadow:4px 4px 4px  
4px #53A781 }
```

# Background

The CSS property to change the background color of an element to Hex 53A781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A781 }
```

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

```
.background{ background-color:#53A781 }
```

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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