

# Converting Colors

Hex(51A585)

Have a look what the booklet for  
Hex(51A585) contains.

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# Color

Hex(51A585)

# Conversions

## Conversions Part 1

Format	Color
Hex	51A585
RGB	81, 165, 133
RGB Percent	32%, 65%, 52%
CMY	0.6824, 0.3529, 0.4784
CMYK	0.51, 0.00, 0.19, 0.35
HSL	157°, 34%, 48%
HSV	157°, 51%, 65%
XYZ	21.0821, 30.3531, 26.9379
YIQ	136.2360, -39.7920, -27.7600

# Conversions

## Conversions Part 2

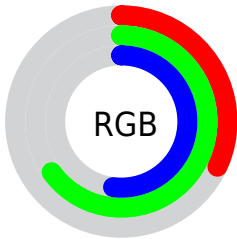
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 133, 165
Decimal	5350789
CIELab	61.96, -33.36, 8.86
CIELCh	62, 34.515, 165.133
Yxy	30.3531, 0.2690, 0.3873
Android (android.graphics.Color)	4283540869 (0xFF51A585)
YUV	136.2360, -1.5953, -48.4420
Hunter-Lab	55.0936, -28.1090, 9.5758

# Details

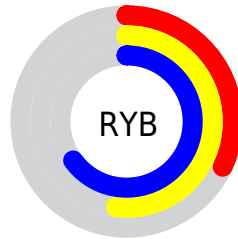
The Hex color **51A585** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A55171**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **88DDBA**, and **147053** is the 20% darker color. If you saturate the color by 10%, you get **40A57F**, and if you desaturate by 10%, it is **61A58B**.

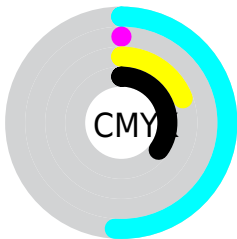
# Distribution



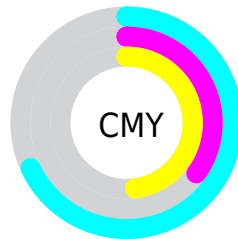
- Red (32%)
- Green (65%)
- Blue (52%)



- Red (32%)
- Yellow (52%)
- Blue (65%)



- Cyan (51%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (68%)
- Magenta (35%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51A585 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 51A585 by changing the saturation by 10% instead.



 51A585

 51A585

FFFFFF

 358A6C

 88DDBA

 147053

 A4F9D6

 00583C

 C0FFF2

 003F27

 DDFFFF

 002912

 FAFFFF

 000D00

 000000

 51A585

 51A585

 40A57F

 61A58B

 30A578

 72A592

 1FA572

 83A598

 0FA56C

 93A59E

 00A566

 A3A5A4

 B4A5AB

 C4A5B1

 D5A5B7

 E5A5BE

# Harmonies

## Analogous

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



78A169



51A585



23A6A5

# Triad

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



51A585



8393D1



CB846C

# Complementary

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



51A585



A55171

# 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.



D27E87



51A585



AD88C1

# Square

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



51A585



4E9DD0



C880A6



B78F5B

# Rectangle

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



51A585



09A5B8



C880A6



CF8274



# Sweetspot

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



51A585



B6D6CA



71A551



586B64



EBEBEB



6B6B6B



# Same Dimension

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



51A585



54D6A4



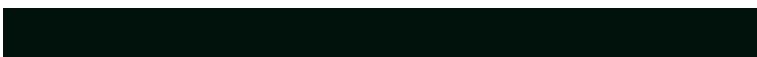
519BA5



49524E



00915A



00120B



# Inverse Universe

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



A55171



D65485



A55B51



52494D



910037

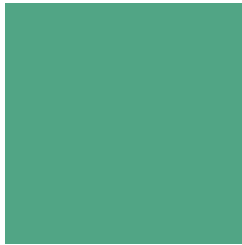


120007



# Previews

## White Background



This preview shows how the Hex color 51A585 looks on a white background.

## Color Contrast Check

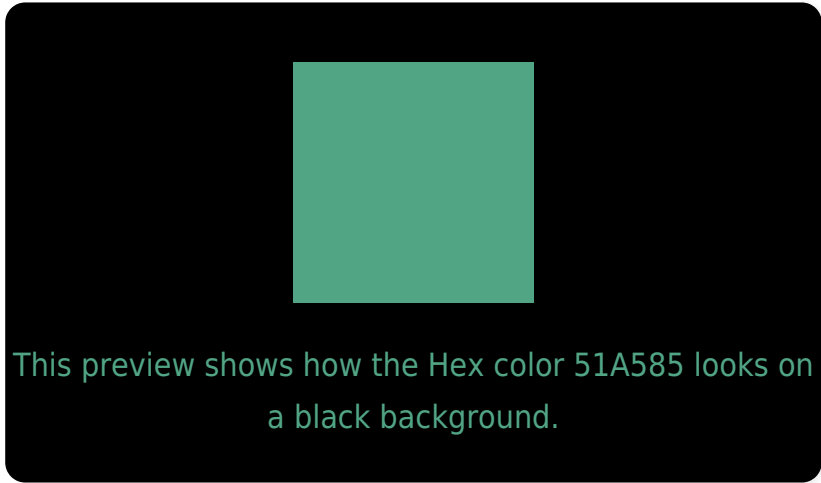
Large Text (above 18pt) WCAG AA × Fail

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

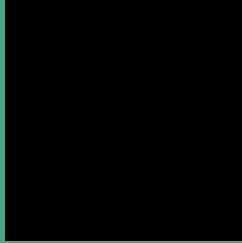
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 51A585 Background



This preview shows how black text looks on a background with the Hex color 51A585.

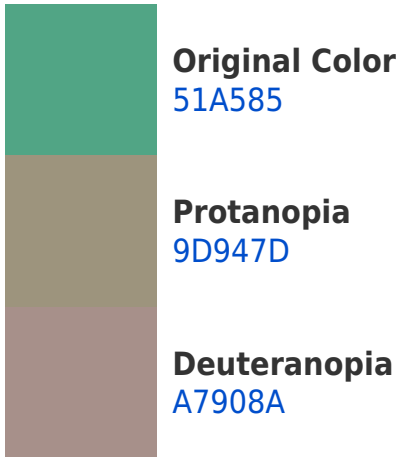


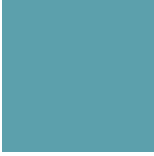
This preview shows how white text looks on a background with the Hex color 51A585.

# 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

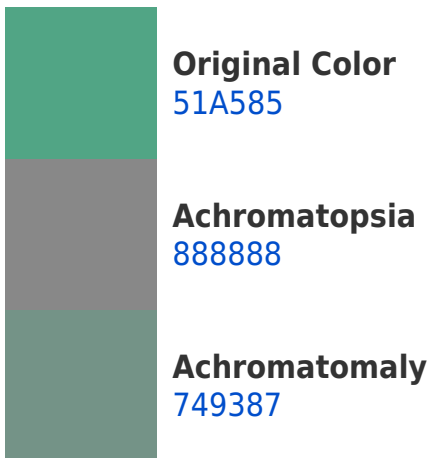




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51A585 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 #51A585 looks like.

```
.text, #text, p{  
    color:#51A585  
}
```

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 #51A585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51A585
}
```

## Border

The CSS property to change the border of an element to Hex 51A585 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
#51A585 }
```

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

```
.border{ border-color:#51A585 }
```

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

Here you see how a box with a 4 pixel #51A585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51A585; -webkit-box-shadow:4px 4px  
4px 4px #51A585; box-shadow:4px 4px 4px  
4px #51A585 }
```

# Background

The CSS property to change the background color of an element to Hex 51A585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51A585 }
```

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

```
.background{ background-color:#51A585 }
```

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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