

# Converting Colors

Hex(57A984)

Have a look what the booklet for  
Hex(57A984) contains.

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# **Color**

**Hex(57A984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57A984
RGB	87, 169, 132
RGB Percent	34%, 66%, 52%
CMY	0.6588, 0.3373, 0.4824
CMYK	0.49, 0.00, 0.22, 0.34
HSL	153°, 32%, 50%
HSV	153°, 49%, 66%
XYZ	22.2833, 32.0681, 26.8451
YIQ	140.2640, -36.9950, -28.8910

# Conversions

## Conversions Part 2

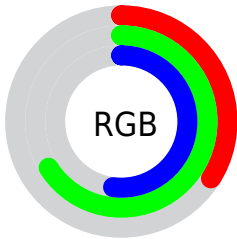
Format	Color
<a href="#">RYB</a>	<a href="#">87, 140, 169</a>
Decimal	<a href="#">5745028</a>
CIELab	<a href="#">63.40, -33.93, 11.49</a>
CIELCh	<a href="#">63, 35.822, 161.299</a>
Yxy	<a href="#">32.0681, 0.2744, 0.3949</a>
Android (android.graphics.Color)	<a href="#">4283935108 (0xFF57A984)</a>
YUV	<a href="#">140.2640, -4.0742, -46.7125</a>
Hunter-Lab	<a href="#">56.6287, -28.8608, 11.5334</a>

# Details

The Hex color **57A984** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A9577C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8EE1B9**, and **1D7452** is the 20% darker color. If you saturate the color by 10%, you get **46A97C**, and if you desaturate by 10%, it is **68A98C**.

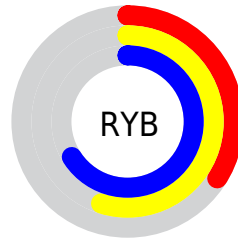
# Distribution



Red (34%)

Green (66%)

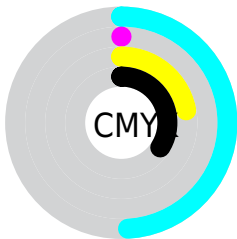
Blue (52%)



Red (34%)

Yellow (55%)

Blue (66%)

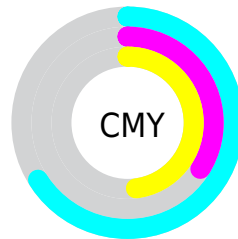


Cyan (49%)

Magenta (0%)

Yellow (22%)

Black (34%)



Cyan (66%)

Magenta (34%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57A984 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 57A984 by changing the saturation by 10% instead.



 57A984

 57A984

FFFFFF

 3C8E6B

 8EE1B9

 1D7452

 A9FED5

 005B3B

 C6FFF1

 004326

 E3FFFF

 002C11

 001400

 000000

 57A984

 57A984

 46A97C

 68A98C

 35A975

 79A993

 24A96D

 8AA99B

 13A965

 9BA9A3

 03A95E

 ABA9AA

 00A95D

 BCA9B2

 CDA9B9

 DEA9C1

 EFA9C9

# Harmonies

## Analogous

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



7FA468



57A984



25ABA5

# Triad

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



57A984



7F99D8



D38671

# Complementary

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



57A984



A9577C

# 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.



D7818E



57A984



AD8DCA

# Square

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



57A984



45A2D5



CB83AF



BF915D

# Rectangle

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



57A984



00AABA



CB83AF



D6847A



# Sweetspot

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



57A984



BADBCC



7DA957



5A6E65



EDEDED



6E6E6E



# Same Dimension

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



57A984



5CDBA2



57A6A9



4C5450



009451



00140B



# Inverse Universe

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



A9577C



DB5C95



A95A57



544C50



940043



140009



# Previews

## White Background



This preview shows how the Hex color 57A984 looks on a white background.

## Color Contrast Check

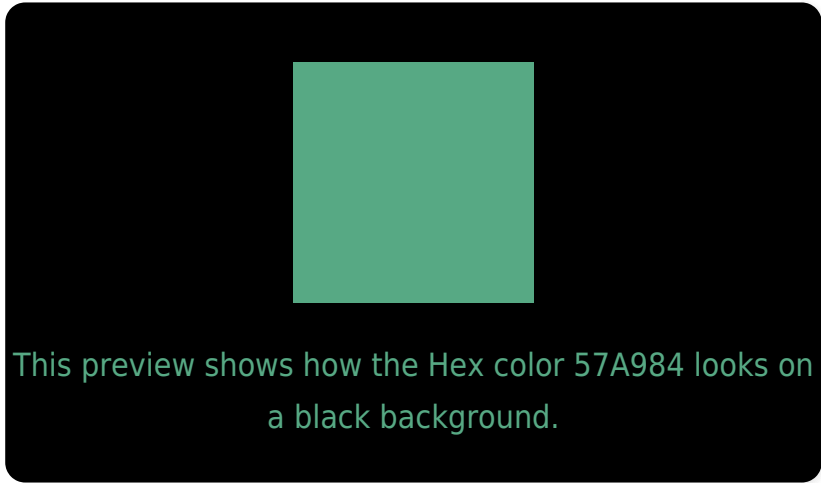
Large Text (above 18pt) WCAG AA × Fail

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

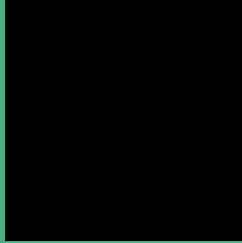
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 57A984 Background



This preview shows how black text looks on a background with the Hex color 57A984.

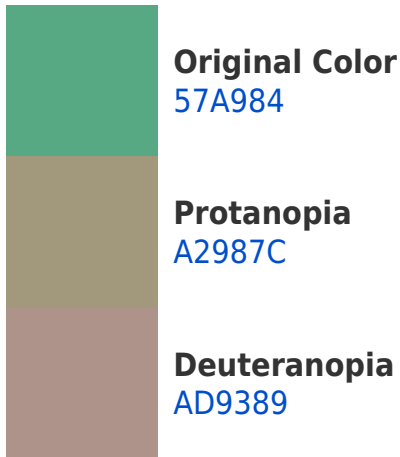


This preview shows how white text looks on a background with the Hex color 57A984.

# 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**  
63A3B0

# Trichromacy



**Original Color**  
57A984



**Protanomaly**  
879E7F



**Deuteranomaly**  
8E9B87



**Tritanomaly**  
5FA5A0

# Monochromacy



**Original Color**  
57A984



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
799789

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57A984 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 #57A984 looks like.

```
.text, #text, p{  
    color:#57A984  
}
```

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 #57A984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A984
}
```

## Border

The CSS property to change the border of an element to Hex 57A984 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
#57A984 }
```

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

```
.border{ border-color:#57A984 }
```

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

Here you see how a box with a 4 pixel #57A984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A984; -webkit-box-shadow:4px 4px  
4px 4px #57A984; box-shadow:4px 4px 4px  
4px #57A984 }
```

# Background

The CSS property to change the background color of an element to Hex 57A984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A984 }
```

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

```
.background{ background-color:#57A984 }
```

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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