

# Converting Colors

Hex(56945C)

Have a look what the booklet for  
Hex(56945C) contains.

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**Color**

**Hex(56945C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56945C
RGB	86, 148, 92
RGB Percent	34%, 58%, 36%
CMY	0.6627, 0.4196, 0.6392
CMYK	0.42, 0.00, 0.38, 0.42
HSL	126°, 26%, 46%
HSV	126°, 42%, 58%
XYZ	16.3594, 23.9309, 13.8821
YIQ	123.0780, -18.9760, -30.5600

# Conversions

## Conversions Part 2

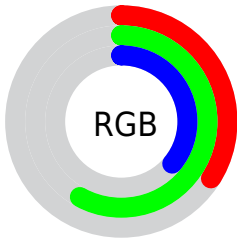
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 143, 148
Decimal	5674076
CIE <sub>Lab</sub>	56.02, -32.30, 23.51
CIE <sub>LCh</sub>	56, 39.946, 143.948
Yxy	23.9309, 0.3020, 0.4418
Android (android.graphics.Color)	4283864156 (0xFF56945C)
YUV	123.0780, -15.3215, -32.5174
Hunter-Lab	48.9193, -25.9153, 17.4184

# Details

The Hex color **56945C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **94568E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **8BCB8F**, and **22612D** is the 20% darker color. If you saturate the color by 10%, you get **47944F**, and if you desaturate by 10%, it is **659469**.

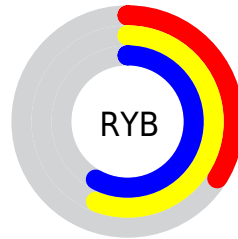
# Distribution



Red (34%)

Green (58%)

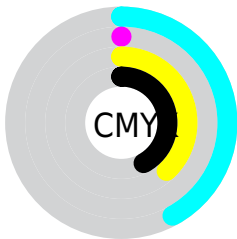
Blue (36%)



Red (34%)

Yellow (56%)

Blue (58%)

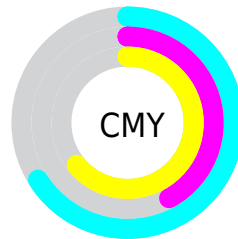


Cyan (42%)

Magenta (0%)

Yellow (38%)

Black (42%)



Cyan (66%)

Magenta (42%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56945C 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 56945C by changing the saturation by 10% instead.





56945C



56945C

FFFFFF



3C7A44



8BCB8F



22612D



A6E7A9



014817



C2FFC5



003100



DEFFE1



001D00



FBFFFE



000000



56945C



56945C



47944F



659469



389441



749477

 2A9434

 829484

 1B9427

 919491

 0C9419

 A0949F

 00940E

 AF94AC

 BE94BA

 CC94C7

 DB94D4

# Harmonies

## Analogous

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



7F8D45



56945C



0C987E

# Triad

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



56945C



398CCB



C86B6C

# Complementary

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



56945C



94568E

# 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.



C36A8F



56945C



7E80C6

# Square

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



56945C



0094BE



AB73B0



BB754F

# Rectangle

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



56945C



009896



AB73B0



C86A77



# Sweetspot

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



56945C



A6BFA9



8F9456



516153



E0E0E0



616161



# Same Dimension

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



56945C



60BF69



56947A



434A43



008A0D



000A01



# Inverse Universe

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



94568E



BF60B6



945670



4A4349



8A007C



0A0009



# Previews

## White Background



This preview shows how the Hex color 56945C looks on a white background.

## Color Contrast Check

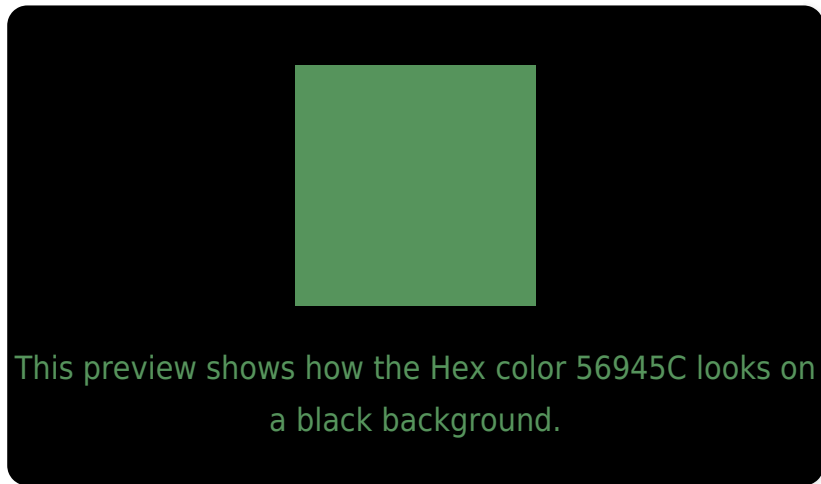
Large Text (above 18pt) WCAG AA ✓ Pass

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

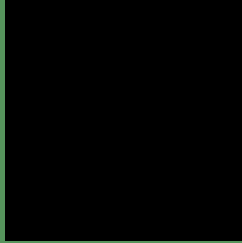
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 56945C Background



This preview shows how black text looks on a background with the Hex color 56945C.




This preview shows how white text looks on a background with the Hex color 56945C.

# 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](#).

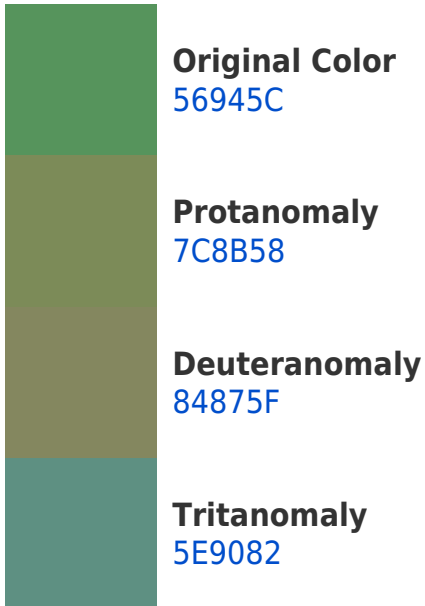
## Dichromacy





**Tritanopia**  
628D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56945C 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 #56945C looks like.

```
.text, #text, p{  
    color:#56945C  
}
```

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 #56945C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56945C
}
```

## Border

The CSS property to change the border of an element to Hex 56945C 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
#56945C }
```

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

```
.border{ border-color:#56945C }
```

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

Here you see how a box with a 4 pixel #56945C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56945C; -webkit-box-shadow:4px 4px  
4px 4px #56945C; box-shadow:4px 4px 4px  
4px #56945C }
```

# Background

The CSS property to change the background color of an element to Hex 56945C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56945C }
```

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

```
.background{ background-color:#56945C }
```

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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