

# Converting Colors

Hex(5A865A)

Have a look what the booklet for  
Hex(5A865A) contains.

<b>Hex(5A865A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5A865A)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A865A
RGB	90, 134, 90
RGB Percent	35%, 53%, 35%
CMY	0.6471, 0.4745, 0.6471
CMYK	0.33, 0.00, 0.33, 0.47
HSL	120°, 20%, 44%
HSV	120°, 33%, 53%
XYZ	14.5870, 19.9620, 12.7571
YIQ	115.8280, -12.1000, -23.0120

# Conversions

## Conversions Part 2

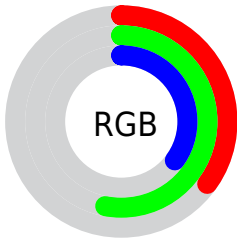
Format	Color
<a href="#">RYB</a>	<a href="#">90, 134, 134</a>
Decimal	<a href="#">5932634</a>
CIELab	<a href="#">51.79, -24.52, 19.02</a>
CIELCh	<a href="#">52, 31.032, 142.195</a>
Yxy	<a href="#">19.9620, 0.3084, 0.4220</a>
Android (android.graphics.Color)	<a href="#">4284122714 (0xFF5A865A)</a>
YUV	<a href="#">115.8280, -12.7332, -22.6512</a>
Hunter-Lab	<a href="#">44.6789, -19.9104, 14.3462</a>

# Details

The Hex color **5A865A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **865A86**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8EBB8C**, and **29542C** is the 20% darker color. If you saturate the color by 10%, you get **4D864D**, and if you desaturate by 10%, it is **678667**.

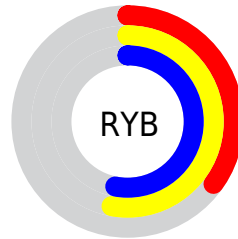
# Distribution



Red (35%)

Green (53%)

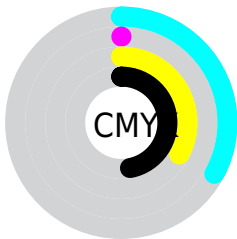
Blue (35%)



Red (35%)

Yellow (53%)

Blue (53%)

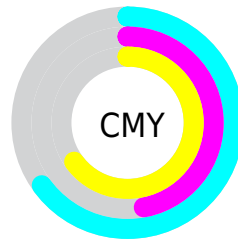


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (47%)



Cyan (65%)

Magenta (47%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A865A 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 5A865A by changing the saturation by 10% instead.



 5A865A

 5A865A


FFFFFF

 416D42

 8EBB8C

 29542C

 A8D7A7

 113C16

 C4F4C2

 002600

 E0FFDE

 000C00

 F0FFFB

 000000

 5A865A

 5A865A

 4D864D

 678667

 3F863F

 758675

 328632

 828682

 248624

 908690

 178617

 9D869D

 0A860A

 AA86AA

 008600

 B886B8

 C586C5

 D386D3

# Harmonies

## Analogous

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



798049



5A865A



368973

# Triad

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



5A865A



4780B0



AF6869

# Complementary

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



5A865A



865A86

# 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.



AA6784



5A865A



7477AD

# Square

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



5A865A



0C86A5



966E9C



A66E52

# Rectangle

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



5A865A



168A86



966E9C



AF6772



# Sweetspot

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



5A865A



9CAD9C



86865A



4C574C



D6D6D6



575757



# Same Dimension

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



5A865A



6AAD6A



5A8670



3C423C



008200



000300



# Inverse Universe

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



865A86



AD6AAD



865A70



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 5A865A looks on a white background.

## Color Contrast Check

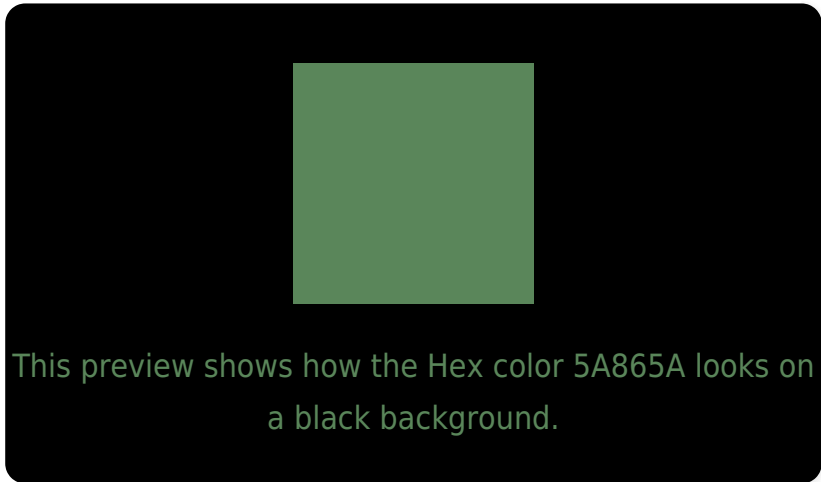
Large Text (above 18pt) WCAG AA ✓ Pass

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

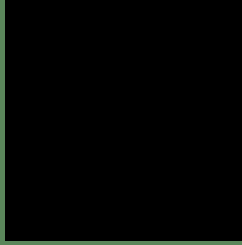
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5A865A Background



This preview shows how black text looks on a background with the Hex color 5A865A.

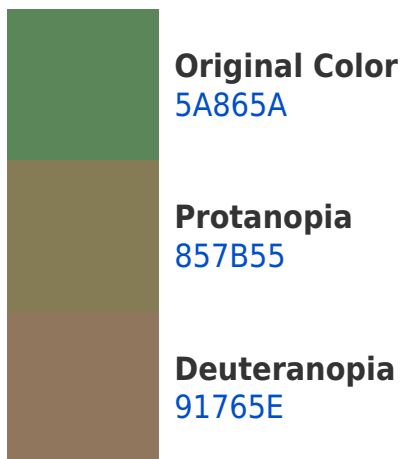


This preview shows how white text looks on a background with the Hex color 5A865A.

# 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](#).

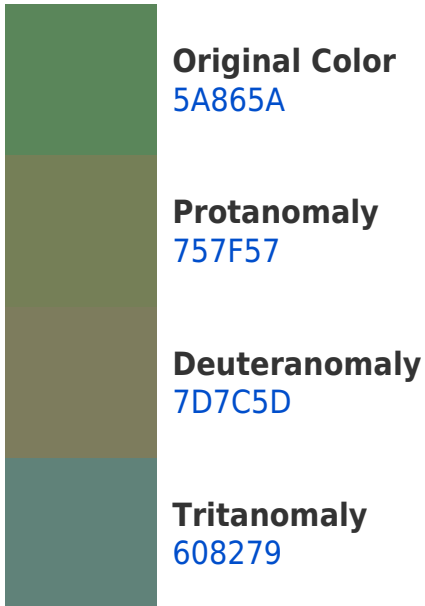
## Dichromacy



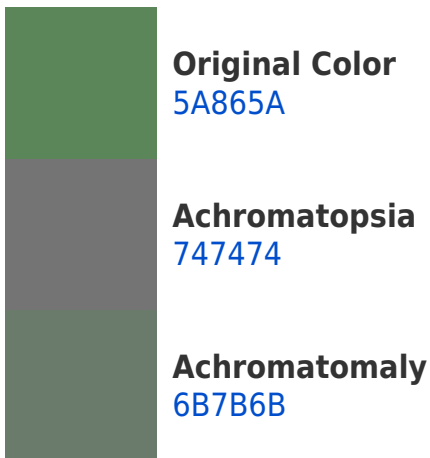


**Tritanopia**  
63808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A865A 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 #5A865A looks like.

```
.text, #text, p{  
    color:#5A865A  
}
```

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 #5A865A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A865A
}
```

## Border

The CSS property to change the border of an element to Hex 5A865A 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
#5A865A }
```

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

```
.border{ border-color:#5A865A }
```

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

Here you see how a box with a 4 pixel #5A865A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A865A; -webkit-box-shadow:4px 4px  
4px 4px #5A865A; box-shadow:4px 4px 4px  
4px #5A865A }
```

# Background

The CSS property to change the background color of an element to Hex 5A865A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A865A }
```

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

```
.background{ background-color:#5A865A }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor