

# Converting Colors

Hex(A59F65)

Have a look what the booklet for  
Hex(A59F65) contains.

<b>Hex(A59F65)</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(A59F65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A59F65
RGB	165, 159, 101
RGB Percent	65%, 62%, 40%
CMY	0.3529, 0.3765, 0.6039
CMYK	0.00, 0.04, 0.39, 0.35
HSL	54°, 26%, 52%
HSV	54°, 39%, 65%
XYZ	30.2642, 33.7352, 17.2284
YIQ	154.1820, 22.1940, -16.7660

# Conversions

## Conversions Part 2

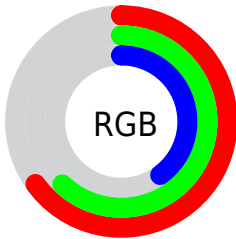
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 165, 101
Decimal	10854245
CIELab	64.75, -6.64, 31.05
CIElCh	65, 31.755, 102.069
Yxy	33.7352, 0.3726, 0.4153
Android (android.graphics.Color)	4289044325 (0xFFA59F65)
YUV	154.1820, -26.2187, 9.4874
Hunter-Lab	58.0820, -8.6345, 23.0707

# Details

The Hex color **A59F65** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **656BA5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **DDD699**, and **706C35** is the 20% darker color. If you saturate the color by 10%, you get **A59D54**, and if you desaturate by 10%, it is **A5A175**.

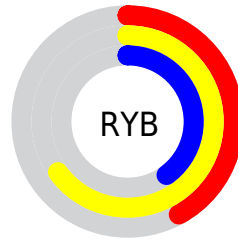
# Distribution



Red (65%)

Green (62%)

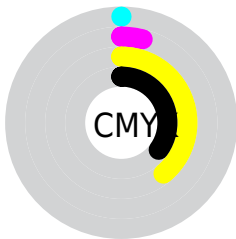
Blue (40%)



Red (42%)

Yellow (65%)

Blue (40%)

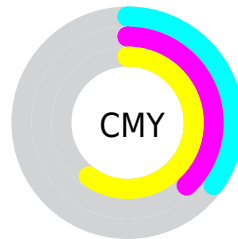


Cyan (0%)

Magenta (4%)

Yellow (39%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A59F65 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 A59F65 by changing the saturation by 10% instead.





A59F65



A59F65

FFFFFF



8A854C



DDD699



706C35



FAF2B4



57541E



FFFFCF



3E3D06



FFF FEC



272700



091300



000000



A59F65



A59F65



A59D54



A5A175

 A59C44

 A5A286

 A59A33

 A5A496

 A59923

 A5A5A7

 A59712

 A5A7B7

 A59602

 A5A8C8

 A59600

 A5AAD8

 A5ABE9

 A5ADFA

# Harmonies

## Analogous

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



BF9567



A59F65



85A772

# Triad

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



A59F65



3AAAC2



CA8AAF

# Complementary

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



A59F65



656BA5

# 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.



AF92C7



A59F65



5BA5D2

# Square

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



A59F65



43ADA8



889CD4



D58892

# Rectangle

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



A59F65



6FAA82



889CD4



C38CB8



# Sweetspot

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



A59F65



D6D4BC



A5656B



6B6A5C



EBEBEB



6B6B6B



# Same Dimension

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



A59F65



D6CD72



8BA565



525149



918400



121000



# Inverse Universe

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



656BA5



727BD6



7F65A5



494A52



000E91



000212



# Previews

## White Background



This preview shows how the Hex color A59F65 looks on a white background.

## Color Contrast Check

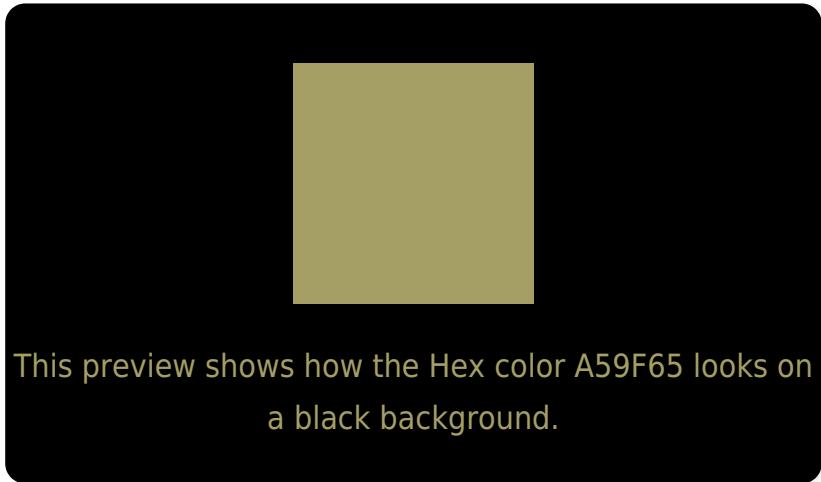
Large Text (above 18pt) WCAG AA × Fail

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

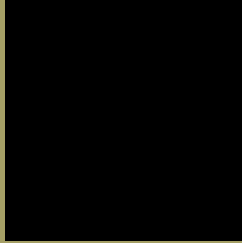
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A59F65 Background



This preview shows how black text looks on a background with the Hex color A59F65.



This preview shows how white text looks on a background with the Hex color A59F65.

# 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



**Original Color**  
A59F65

**Protanopia**  
AB9D64

**Deuteranopia**  
BD9667



**Tritanopia**  
AC97A3

# Trichromacy



**Original Color**  
A59F65

**Protanomaly**  
A99E64

**Deuteranomaly**  
B49966

**Tritanomaly**  
A99A8C

# Monochromacy



**Original Color**  
A59F65

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
9E9C87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A59F65 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 #A59F65 looks like.

```
.text, #text, p{  
    color:#A59F65  
}
```

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 #A59F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A59F65
}
```

## Border

The CSS property to change the border of an element to Hex A59F65 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
#A59F65 }
```

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

```
.border{ border-color:#A59F65 }
```

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

Here you see how a box with a 4 pixel #A59F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A59F65; -webkit-box-shadow:4px 4px  
4px 4px #A59F65; box-shadow:4px 4px 4px  
4px #A59F65 }
```

# Background

The CSS property to change the background color of an element to Hex A59F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A59F65 }
```

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

```
.background{ background-color:#A59F65 }
```

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