

# Converting Colors

Hex(59A341)

Have a look what the booklet for  
Hex(59A341) contains.

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# Color

**Hex(59A341)**

# Conversions

Conversions Part 1	
Format	Color
Hex	59A341
RGB	89, 163, 65
RGB Percent	35%, 64%, 25%
CMY	0.6510, 0.3608, 0.7451
CMYK	0.45, 0.00, 0.60, 0.36
HSL	105°, 43%, 45%
HSV	105°, 60%, 64%
XYZ	18.1712, 28.6999, 9.5829
YIQ	129.7020, -12.6460, -46.1660

# Conversions

## Conversions Part 2

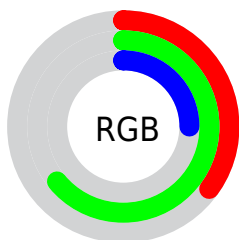
Format	Color
<a href="#">RYB</a>	<a href="#">65, 163, 139</a>
Decimal	<a href="#">5874497</a>
CIELab	<a href="#">60.52, -41.77, 42.96</a>
CIELCh	<a href="#">61, 59.920, 134.195</a>
Yxy	<a href="#">28.6999, 0.3219, 0.5084</a>
Android (android.graphics.Color)	<a href="#">4284064577</a> (0xFF59A341)
YUV	<a href="#">129.7020, -31.8981, -35.6957</a>
Hunter-Lab	<a href="#">53.5723, -33.2062, 26.8949</a>

# Details

The Hex color **59A341** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8B41A3**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **90DB74**, and **1F6E0A** is the 20% darker color. If you saturate the color by 10%, you get **4DA331**, and if you desaturate by 10%, it is **65A351**.

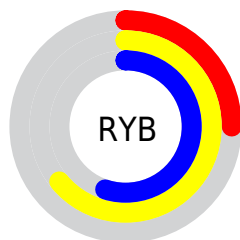
# Distribution



Red (35%)

Green (64%)

Blue (25%)



Red (25%)

Yellow (64%)

Blue (55%)

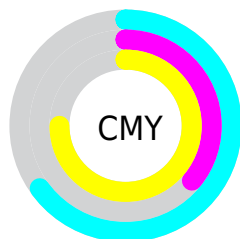


Cyan (45%)

Magenta (0%)

Yellow (60%)

Black (36%)



Cyan (65%)

Magenta (36%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59A341 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 59A341 by changing the saturation by 10% instead.



 59A341

FFFFFF

 90DB74

 ACF78F

 C8FFAA

 E5FFC6

 FFFFE2

 59A341

 3D8828

 1F6E0A

 005500

 003D00

 002800

 000400

 000000

 59A341

 4DA331

 59A341

 65A351

 40A320

 72A362

 34A310

 7EA372

 28A300

 8AA382

 97A393

 A3A3A3

 AFA3B3

 BBA3C3

 C8A3D4

# Harmonies

## Analogous

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



95971D



59A341



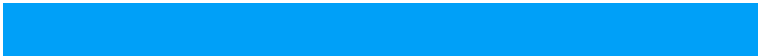
00A973

# Triad

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



59A341



00A0F8



F2607B

# Complementary

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



59A341



8B41A3

# 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.



E364B0



59A341



598FF9

# Square

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



59A341



00A8DB



B579DE



E5704A

# Rectangle

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



59A341



00AB98



B579DE



F05F8D



# Sweetspot

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



59A341



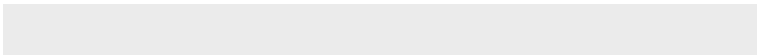
B7D4AE



A38B41



596B54



EBEBEB



6B6B6B



# Same Dimension

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



59A341



61D43B



41A35A



4B5249



249100



041200



# Inverse Universe

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



8B41A3



AE3BD4



A3418B



504952



6E0091



0D0012



# Previews

## White Background



This preview shows how the Hex color 59A341 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



This preview shows how the Hex color 59A341 looks on a 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 59A341 Background



This preview shows how black text looks on a background with the Hex color 59A341.



This preview shows how white text looks on a background with the Hex color 59A341.

# 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](#).

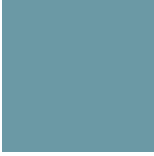
## Dichromacy



**Original Color**  
59A341

**Protanopia**  
A2913C

**Deuteranopia**  
B38A48



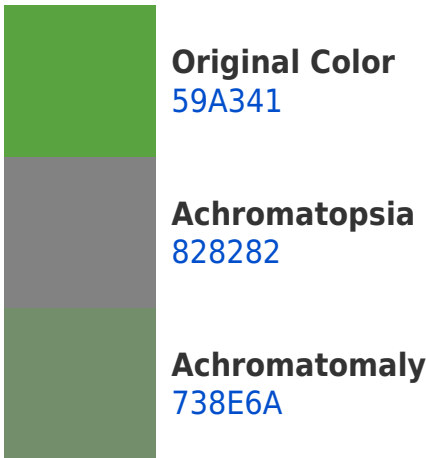
# Tritanopia

## 6B99A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59A341 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 #59A341 looks like.

```
.text, #text, p{  
    color:#59A341  
}
```

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 #59A341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59A341
}
```

## Border

The CSS property to change the border of an element to Hex 59A341 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
#59A341 }
```

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

```
.border{ border-color:#59A341 }
```

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

Here you see how a box with a 4 pixel #59A341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59A341; -webkit-box-shadow:4px 4px  
4px 4px #59A341; box-shadow:4px 4px 4px  
4px #59A341 }
```

# Background

The CSS property to change the background color of an element to Hex 59A341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59A341 }
```

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

```
.background{ background-color:#59A341 }
```

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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