

# Converting Colors

Hex(59E84A)

Have a look what the booklet for  
Hex(59E84A) contains.

<b>Hex(59E84A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(59E84A)

# Conversions

## Conversions Part 1

Format	Color
Hex	59E84A
RGB	89, 232, 74
RGB Percent	35%, 91%, 29%
CMY	0.6510, 0.0902, 0.7098
CMYK	0.62, 0.00, 0.68, 0.09
HSL	114°, 77%, 60%
HSV	114°, 68%, 91%
XYZ	34.2125, 60.3315, 16.3205
YIQ	171.2310, -34.5100, -79.4540

# Conversions

## Conversions Part 2

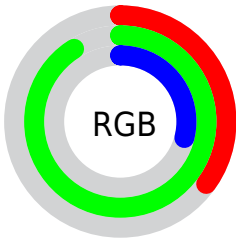
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 232, 217
Decimal	5892170
CIELab	82.02, -66.82, 62.76
CIELCh	82, 91.668, 136.795
Yxy	60.3315, 0.3086, 0.5442
Android (android.graphics.Color)	4284082250 (0xFF59E84A)
YUV	171.2310, -47.9349, -72.1166
Hunter-Lab	77.6733, -57.3052, 41.9135

# Details

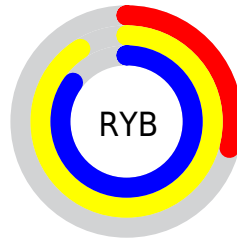
The Hex color **59E84A** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **D94AE8**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **99FF82**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **44E833**, and if you desaturate by 10%, it is **6EE861**.

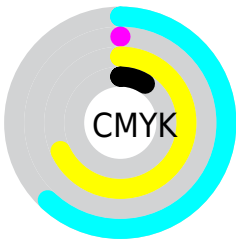
# Distribution



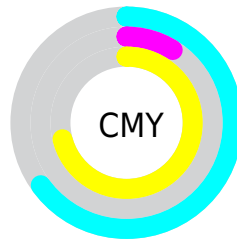
- Red (35%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (85%)



- Cyan (62%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)



- Cyan (65%)
- Magenta (9%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59E84A 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 59E84A by changing the saturation by 10% instead.



 59E84A

 59E84A


FFFFFF

 33CB2C

 99FF82

 00AF00

 B8FF9E

 009300

 D6FFBA

 007900

 F5FFD7

 005E00

 FFFFF5

 004500

 002D00

 000D00

 000000

 59E84A

 59E84A

 44E833

 6EE861

 2FE81C

 83E878

 1AE804

 98E890

 16E800

 ADE8A7

 C2E8BE

 D7E8D5

 ECE8EC

 FFE8FF

# Harmonies

## Analogous

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



C6D700



59E84A



00F1A2

# Triad

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



59E84A



00E1FF



FF72A0

# Complementary

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



59E84A



D94AE8

# 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.



FF77F6



59E84A



6DC5FF

# Square

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



59E84A



00EFFF



FF9DFF



FF944F

# Rectangle

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



59E84A



00F3DE



FF9DFF



FF6EBC

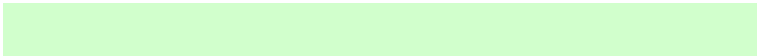


# Sweetspot

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



59E84A



D1FFCC



E8D84A



648061



000000



808080



# Same Dimension

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



59E84A



42FF2E



4AE889



687367



11B300



053300



# Inverse Universe

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



D94AE8



EB2EFF



E84AA9



726773



A200B3

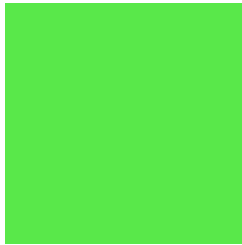


2E0033



# Previews

## White Background



This preview shows how the Hex color 59E84A looks on a white background.

## Color Contrast Check

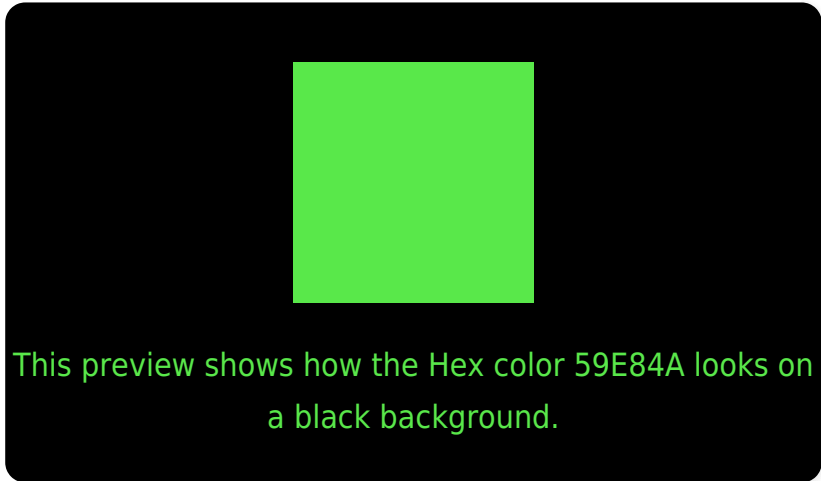
Large Text (above 18pt) WCAG AA × Fail

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

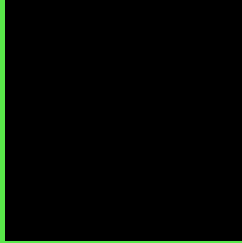
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

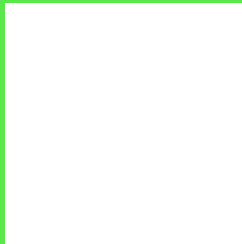
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59E84A Background



This preview shows how black text looks on a background with the Hex color 59E84A.

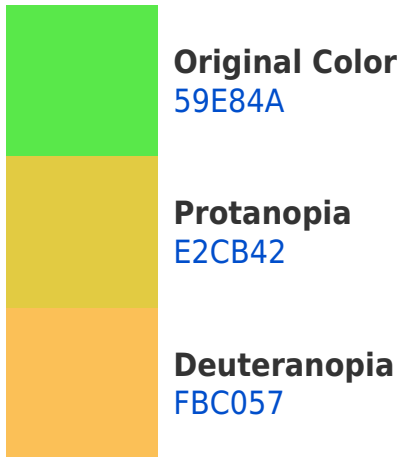


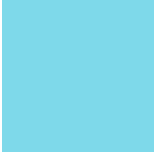
This preview shows how white text looks on a background with the Hex color 59E84A.

# 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](#).

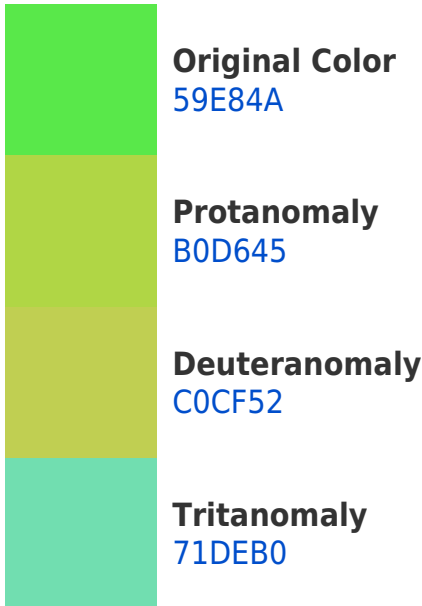
## Dichromacy



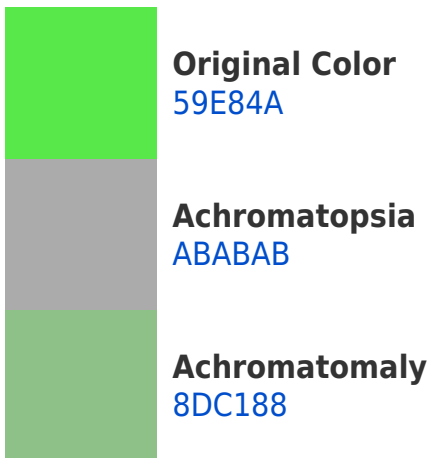


**Tritanopia**  
7ED9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59E84A 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 #59E84A looks like.

```
.text, #text, p{  
    color:#59E84A  
}
```

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 #59E84A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59E84A
}
```

## Border

The CSS property to change the border of an element to Hex 59E84A 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
#59E84A }
```

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

```
.border{ border-color:#59E84A }
```

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

Here you see how a box with a 4 pixel #59E84A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59E84A; -webkit-box-shadow:4px 4px  
4px 4px #59E84A; box-shadow:4px 4px 4px  
4px #59E84A }
```

# Background

The CSS property to change the background color of an element to Hex 59E84A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59E84A }
```

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

```
.background{ background-color:#59E84A }
```

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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