

# Converting Colors

Hex(5EA54E)

Have a look what the booklet for  
Hex(5EA54E) contains.

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# Color

Hex(5EA54E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5EA54E
RGB	94, 165, 78
RGB Percent	37%, 65%, 31%
CMY	0.6314, 0.3529, 0.6941
CMYK	0.43, 0.00, 0.53, 0.35
HSL	109°, 36%, 48%
HSV	109°, 53%, 65%
XYZ	19.4464, 29.8400, 11.9425
YIQ	133.8530, -14.3890, -42.1090

# Conversions

## Conversions Part 2

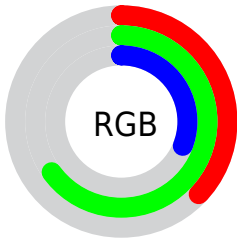
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 165, 149
Decimal	6202702
CIELab	61.52, -39.50, 37.91
CIElCh	62, 54.747, 136.171
Yxy	29.8400, 0.3176, 0.4874
Android (android.graphics.Color)	4284392782 (0xFF5EA54E)
YUV	133.8530, -27.5355, -34.9511
Hunter-Lab	54.6260, -32.0511, 25.2761

# Details

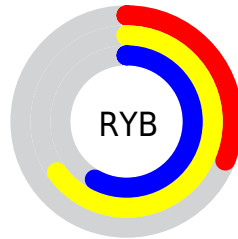
The Hex color **5EA54E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **954EA5**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **94DD81**, and **27701D** is the 20% darker color. If you saturate the color by 10%, you get **51A53E**, and if you desaturate by 10%, it is **6BA55E**.

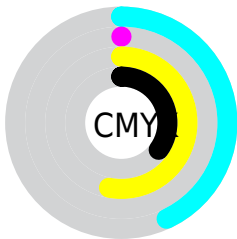
# Distribution



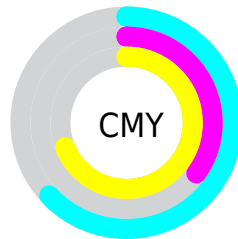
- Red (37%)
- Green (65%)
- Blue (31%)



- Red (31%)
- Yellow (65%)
- Blue (58%)



- Cyan (43%)
- Magenta (0%)
- Yellow (53%)
- Black (35%)



- Cyan (63%)
- Magenta (35%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EA54E 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 5EA54E by changing the saturation by 10% instead.





5EA54E



5EA54E

FFFFFF



438A35



94DD81



27701D



B0F99C



005701



CDFFB7



003F00



EAFFD3



002900



FFFFFF0



000A00



000000



5EA54E



5EA54E



51A53E



6BA55E

 43A52D

 79A56F

 36A51D

 86A580

 28A50C

 94A590

 1EA500

 A1A5A1

 AFA5B1

 BCA5C2

 CAA5D2

 D7A5E3

# Harmonies

## Analogous

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



969A30



5EA54E



00AB7C

# Triad

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



5EA54E



00A0F2



EE6A7C

# Complementary

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



5EA54E



954EA5

# 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.



E26CAD



5EA54E



6D91F2

# Square

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



5EA54E



00A9D9



B97DD8



E17750

# Rectangle

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



5EA54E



00AC9D



B97DD8



ED688C



# Sweetspot

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



5EA54E



BAD6B4



A5944E



5A6B57



EBEBEB



6B6B6B



# Same Dimension

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



5EA54E



68D64F



4EA568



4B5249



1B9100



031200



# Inverse Universe

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



954EA5



BD4FD6



A54E8B



504952



770091



0F0012



# Previews

## White Background



This preview shows how the Hex color 5EA54E looks on a white background.

## Color Contrast Check

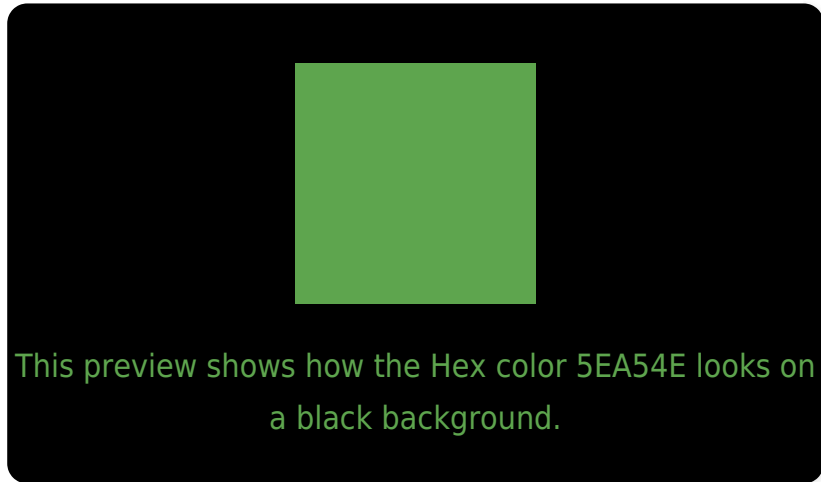
Large Text (above 18pt) WCAG AA ✓ Pass

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

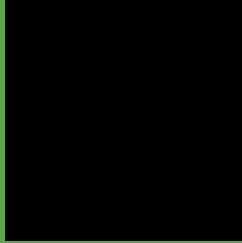
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5EA54E Background



This preview shows how black text looks on a background with the Hex color 5EA54E.

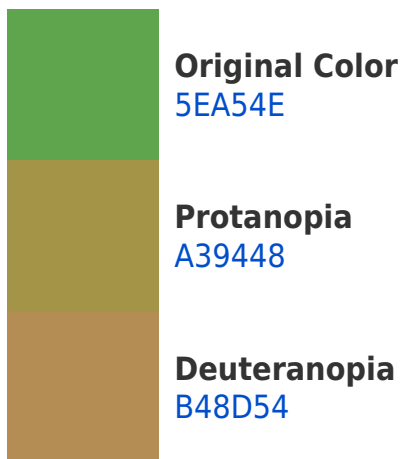



This preview shows how white text looks on a background with the Hex color 5EA54E.

# 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**  
6F9BA8

# Trichromacy



**Original Color**  
5EA54E



**Protanomaly**  
8A9A4A



**Deuteranomaly**  
959652



**Tritanomaly**  
699F87

# Monochromacy



**Original Color**  
5EA54E



**Achromatopsia**  
868686



**Achromatomaly**  
779172

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EA54E 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 #5EA54E looks like.

```
.text, #text, p{  
    color:#5EA54E  
}
```

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 #5EA54E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA54E
}
```

## Border

The CSS property to change the border of an element to Hex 5EA54E 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
#5EA54E }
```

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

```
.border{ border-color:#5EA54E }
```

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

Here you see how a box with a 4 pixel #5EA54E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA54E; -webkit-box-shadow:4px 4px  
4px 4px #5EA54E; box-shadow:4px 4px 4px  
4px #5EA54E }
```

# Background

The CSS property to change the background color of an element to Hex 5EA54E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA54E }
```

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

```
.background{ background-color:#5EA54E }
```

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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