

# Converting Colors

Hex(5ECA65)

Have a look what the booklet for  
Hex(5ECA65) contains.

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**Color**

**Hex(5ECA65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ECA65
RGB	94, 202, 101
RGB Percent	37%, 79%, 40%
CMY	0.6314, 0.2078, 0.6039
CMYK	0.53, 0.00, 0.50, 0.21
HSL	124°, 50%, 58%
HSV	124°, 53%, 79%
XYZ	28.0856, 45.5603, 19.6257
YIQ	158.1940, -31.9470, -54.3070

# Conversions

## Conversions Part 2

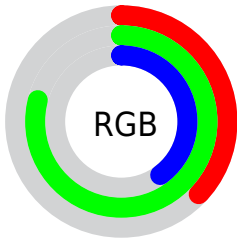
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 195, 202
Decimal	6212197
CIELab	73.26, -51.71, 40.92
CIELCh	73, 65.940, 141.643
Yxy	45.5603, 0.3011, 0.4885
Android (android.graphics.Color)	4284402277 (0xFF5ECA65)
YUV	158.1940, -28.1966, -56.2981
Hunter-Lab	67.4984, -43.8496, 30.0098

# Details

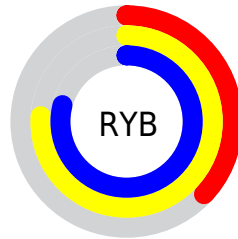
The Hex color **5ECA65** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **CA5EC3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **98FF9A**, and **1A9333** is the 20% darker color. If you saturate the color by 10%, you get **4ACA52**, and if you desaturate by 10%, it is **72CA78**.

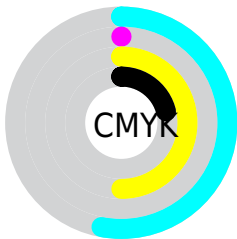
# Distribution



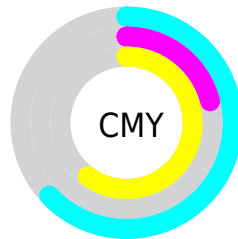
- Red (37%)
- Green (79%)
- Blue (40%)



- Red (37%)
- Yellow (76%)
- Blue (79%)



- Cyan (53%)
- Magenta (0%)
- Yellow (50%)
- Black (21%)



- Cyan (63%)
- Magenta (21%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5ECA65 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 5ECA65 by changing the saturation by 10% instead.



 5ECA65

 5ECA65

FFFFFF

 40AE4C

 98FF9A

 1A9333

 B5FFB5

 007819

 D2FFD1

 005F00

 F0FFEE

 004600

 002F00

 001400

 000000

 5ECA65

 5ECA65

 4ACA52

 72CA78

 36CA3F

 86CA8B

 21CA2C

 9BCA9E

 0DCA19

 AFCAB1

 00CA0D

 C3CAC3

 D7CAD6

 EBCAE9

 FFCAFC

 FFCAFF

# Harmonies

## Analogous

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



AABE39



5ECA65



00D0A0

# Triad

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



5ECA65



00C0FF



FF7F8B

# Complementary

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



5ECA65



CA5EC3

# 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.



FF7EC7



5ECA65



97ABFF

# Square

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



5ECA65



00CCFF



ED91FF



FF9356

# Rectangle

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



5ECA65



00D1CA



ED91FF



FF7C9F

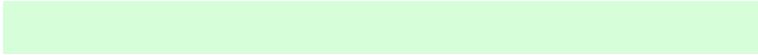


# Sweetspot

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



5ECA65



D6FFD9



C5CA5E



678069



000000



808080



# Same Dimension

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



5ECA65



5CFF66



5ECA99



5C665C



00A60B



002602



# Inverse Universe

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



CA5EC3



FF5CF4



CA5E8F



665C65



A6009B



260024



# Previews

## White Background



This preview shows how the Hex color 5ECA65 looks on a white background.

## Color Contrast Check

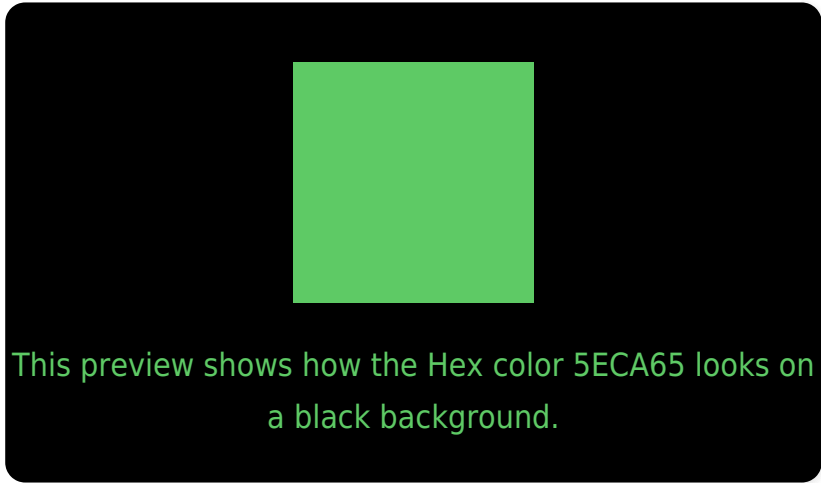
Large Text (above 18pt) WCAG AA × Fail

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

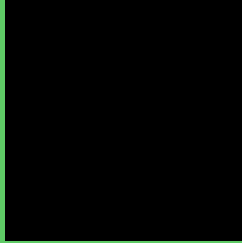
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5ECA65 Background



This preview shows how black text looks on a background with the Hex color 5ECA65.

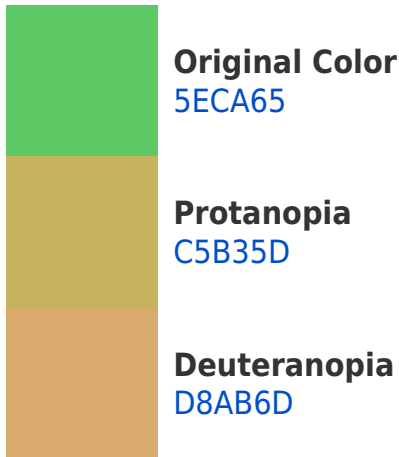


This preview shows how white text looks on a background with the Hex color 5ECA65.

# 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





# Trichromacy



**Original Color**  
5ECA65



**Protanomaly**  
A0BB60



**Deuteranomaly**  
ACB66A



**Tritanomaly**  
6DC2A8

# Monochromacy



**Original Color**  
5ECA65



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
87AE89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5ECA65 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 #5ECA65 looks like.

```
.text, #text, p{  
    color:#5ECA65  
}
```

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 #5ECA65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ECA65
}
```

## Border

The CSS property to change the border of an element to Hex 5ECA65 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
#5ECA65 }
```

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

```
.border{ border-color:#5ECA65 }
```

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

Here you see how a box with a 4 pixel #5ECA65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ECA65; -webkit-box-shadow:4px 4px  
4px 4px #5ECA65; box-shadow:4px 4px 4px  
4px #5ECA65 }
```

# Background

The CSS property to change the background color of an element to Hex 5ECA65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ECA65 }
```

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

```
.background{ background-color:#5ECA65 }
```

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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