

# Converting Colors

Hex(5ACD5D)

Have a look what the booklet for  
Hex(5ACD5D) contains.

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# Color

Hex(5ACD5D)

# Conversions

## Conversions Part 1

Format	Color
Hex	5ACD5D
RGB	90, 205, 93
RGB Percent	35%, 80%, 36%
CMY	0.6471, 0.1961, 0.6353
CMYK	0.56, 0.00, 0.55, 0.20
HSL	122°, 53%, 58%
HSV	122°, 56%, 80%
XYZ	28.0236, 46.6266, 17.8788
YIQ	157.8470, -32.5880, -59.2120

# Conversions

## Conversions Part 2

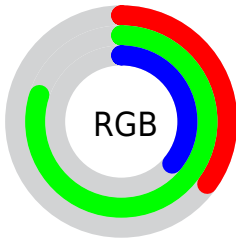
Format	Color
<b>RYB</b>	90, 202, 205
Decimal	5950813
CIELab	73.95, -54.93, 45.57
CIELCh	74, 71.371, 140.323
Yxy	46.6266, 0.3029, 0.5039
Android (android.graphics.Color)	4284140893 (0xFF5ACD5D)
YUV	157.8470, -31.9696, -59.5018
Hunter-Lab	68.2837, -46.2402, 32.2746

# Details

The Hex color **5ACD5D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **CD5ACA**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **95FF92**, and **0C9629** is the 20% darker color. If you saturate the color by 10%, you get **46CD49**, and if you desaturate by 10%, it is **6FCD71**.

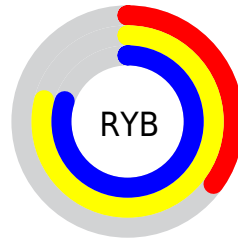
# Distribution



Red (35%)

Green (80%)

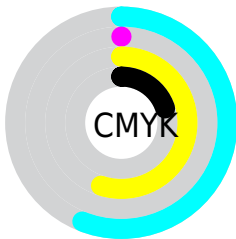
Blue (36%)



Red (35%)

Yellow (79%)

Blue (80%)

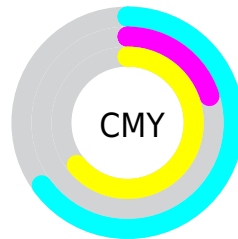


Cyan (56%)

Magenta (0%)

Yellow (55%)

Black (20%)



Cyan (65%)

Magenta (20%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5ACD5D 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 5ACD5D by changing the saturation by 10% instead.



 5ACD5D

 5ACD5D

FFFFFF

 3AB143

 95FF92

 0C9629

 B2FFAD

 007B0A

 D0FFC9

 006100

 EEFFE6

 004800

 003100

 001600

 000000

 5ACD5D

 5ACD5D

 46CD49

 6FCD71

 31CD35

 83CD85

 1DCD21

 98CD99

 08CD0D

 ACCDAD

 00CD05

 C1CDC1

 D5CDD5

 EACDE9

 FECDFD

 FFCDFD

# Harmonies

## Analogous

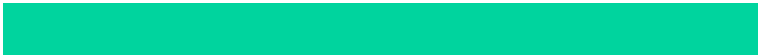
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ACC02B



5ACD5D



00D49E

# Triad

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



5ACD5D



00C3FF



FF7A8C

# Complementary

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



5ACD5D



CD5ACA

# 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.



FF79CE



5ACD5D



8EADFF

# Square

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



5ACD5D



00D0FF



F091FF



FF9152

# Rectangle

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



5ACD5D



00D5CB



F091FF



FF77A2

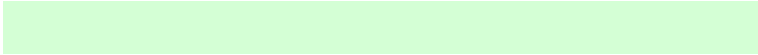


# Sweetspot

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



5ACD5D



D4FFD5



CBCD5A



668067



000000



808080



# Same Dimension

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



5ACD5D



54FF59



5ACD95



5C665C



00A604



002601



# Inverse Universe

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



CD5ACA



FF54FB



CD5A92



665C66



A600A1



260025



# Previews

## White Background



This preview shows how the Hex color 5ACD5D looks on a white background.

## Color Contrast Check

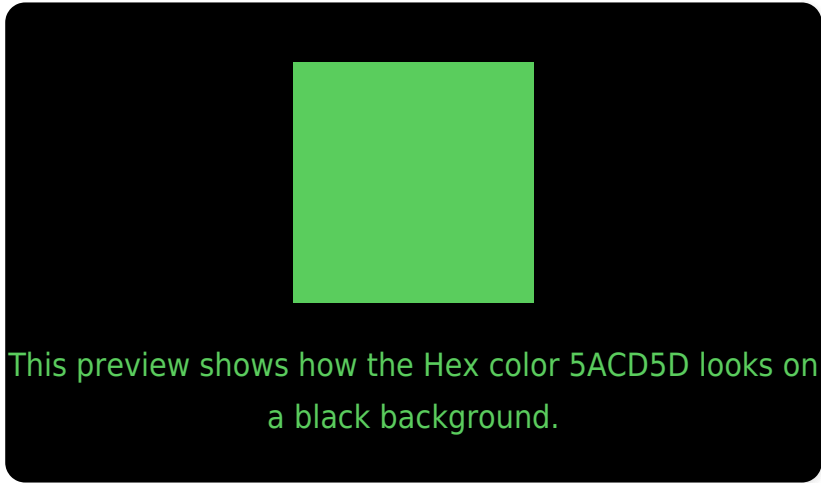
Large Text (above 18pt) WCAG AA × Fail

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 5ACD5D Background



This preview shows how black text looks on a background with the Hex color 5ACD5D.

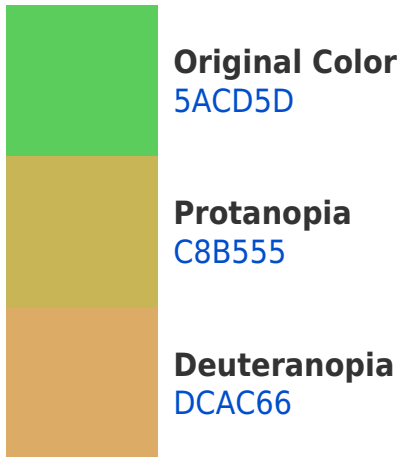


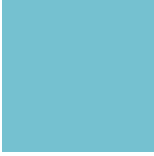
This preview shows how white text looks on a background with the Hex color 5ACD5D.

# 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**  
75C1D0

# Trichromacy



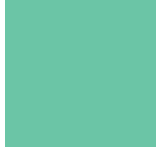
**Original Color**  
5ACD5D



**Protanomaly**  
A0BE58



**Deuteranomaly**  
ADB863



**Tritanomaly**  
6BC5A6

# Monochromacy



**Original Color**  
5ACD5D



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
85AF86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5ACD5D 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 #5ACD5D looks like.

```
.text, #text, p{  
    color:#5ACD5D  
}
```

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 #5ACD5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ACD5D
}
```

## Border

The CSS property to change the border of an element to Hex 5ACD5D 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
#5ACD5D }
```

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

```
.border{ border-color:#5ACD5D }
```

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

Here you see how a box with a 4 pixel #5ACD5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ACD5D; -webkit-box-shadow:4px 4px  
4px 4px #5ACD5D; box-shadow:4px 4px 4px  
4px #5ACD5D }
```

# Background

The CSS property to change the background color of an element to Hex 5ACD5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ACD5D }
```

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

```
.background{ background-color:#5ACD5D }
```

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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