

Converting Colors

Hex(5AC65C)

Have a look what the booklet for
Hex(5AC65C) contains.

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Color

Hex(5AC65C)

Conversions

Conversions Part 1

Format	Color
Hex	5AC65C
RGB	90, 198, 92
RGB Percent	35%, 78%, 36%
CMY	0.6471, 0.2235, 0.6392
CMYK	0.55, 0.00, 0.54, 0.22
HSL	121°, 49%, 56%
HSV	121°, 55%, 78%
XYZ	26.3423, 43.3345, 17.1012
YIQ	153.6240, -30.3420, -55.8620

Conversions

Conversions Part 2

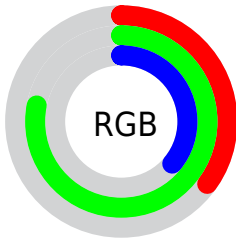
Format	Color
RYB	90, 196, 198
Decimal	5949020
CIELab	71.78, -52.38, 43.44
CIELCh	72, 68.045, 140.328
Yxy	43.3345, 0.3036, 0.4994
Android (android.graphics.Color)	4284139100 (0xFF5AC65C)
YUV	153.6240, -30.3806, -55.7982
Hunter-Lab	65.8290, -43.7717, 30.6778

Details

The Hex color **5AC65C** 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 **C65AC4**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **94FF91**, and **128F29** is the 20% darker color. If you saturate the color by 10%, you get **46C649**, and if you desaturate by 10%, it is **6EC66F**.

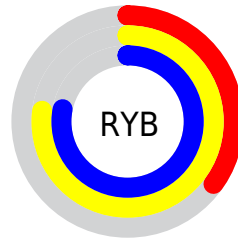
Distribution



Red (35%)

Green (78%)

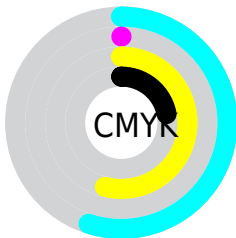
Blue (36%)



Red (35%)

Yellow (77%)

Blue (78%)

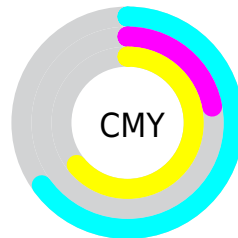


Cyan (55%)

Magenta (0%)

Yellow (54%)

Black (22%)



Cyan (65%)

Magenta (22%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AC65C 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 5AC65C by changing the saturation by 10% instead.

 5AC65C

 5AC65C

FFFFFF

 3BAA43

 94FF91

 128F29

 B1FFAC

 00750C

 CEFFC8

 005B00

 ECFFE4

 004200

 002D00

 000C00

 000000

 5AC65C

 5AC65C

 46C649

 6EC66F

 32C635

 82C683

 1FC622

 95C696

 0BC60E

 A9C6AA

 00C604

 BDC6BD

 D1C6D1

 E5C6E4

 F8C6F7

 FFC6FF

Harmonies

Analogous

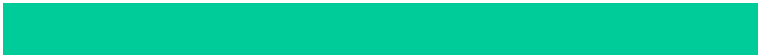
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7B92E



5AC65C



00CC99

Triad

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



5AC65C



00BDFE



FF7888

Complementary

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



5AC65C



C65AC4

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.



FF77C7



5AC65C



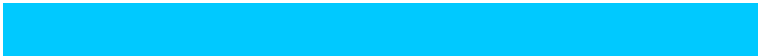
8BA8FF

Square

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



5AC65C



00C9FF



E78DFF



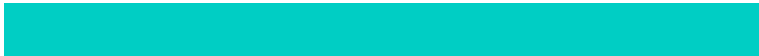
FF8D51

Rectangle

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



5AC65C



00CEC4



E78DFF



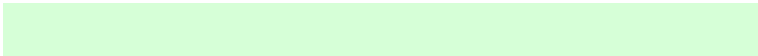
FF759D

Sweetspot

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



5AC65C



D6FFD7



C4C65A



678068



000000



808080

Same Dimension

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



5AC65C



59FF5C



5AC692



5A635A



00A303



002401

Inverse Universe

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



C65AC4



FF59FC



C65A8E



635A63



A300A0



240023

Previews

White Background



This preview shows how the Hex color 5AC65C looks on a white background.

Color Contrast Check

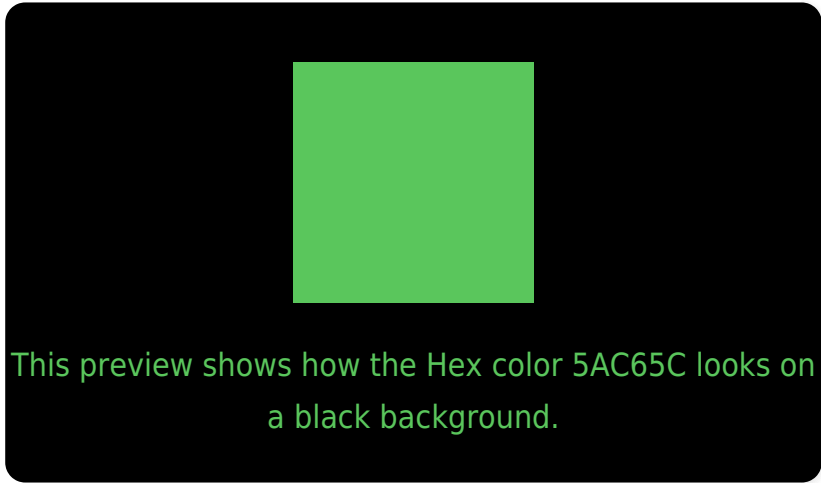
Large Text (above 18pt) WCAG AA × Fail

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 5AC65C Background



This preview shows how black text looks on a background with the Hex color 5AC65C.



This preview shows how white text looks on a background with the Hex color 5AC65C.

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](#).

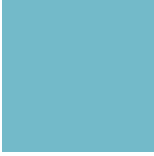
Dichromacy



Original Color
5AC65C

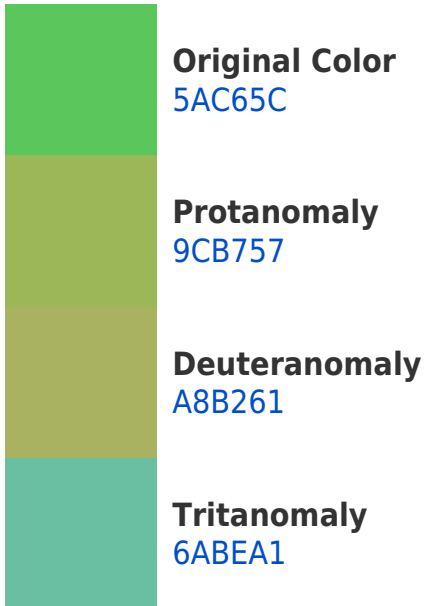
Protanopia
C1AF54

Deuteranopia
D5A764

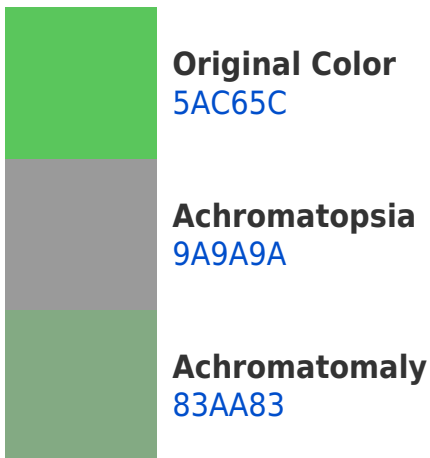


Tritanopia
73BAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AC65C 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 #5AC65C looks like.

```
.text, #text, p{  
    color:#5AC65C  
}
```

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 #5AC65C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC65C
}
```

Border

The CSS property to change the border of an element to Hex 5AC65C 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
#5AC65C }
```

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

```
.border{ border-color:#5AC65C }
```

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

Here you see how a box with a 4 pixel #5AC65C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC65C; -webkit-box-shadow:4px 4px  
4px 4px #5AC65C; box-shadow:4px 4px 4px  
4px #5AC65C }
```

Background

The CSS property to change the background color of an element to Hex 5AC65C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC65C }
```

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

```
.background{ background-color:#5AC65C }
```

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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