

Converting Colors

Hex(5CC069)

Have a look what the booklet for
Hex(5CC069) contains.

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Color

Hex(5CC069)

Conversions

Conversions Part 1

Format	Color
Hex	5CC069
RGB	92, 192, 105
RGB Percent	36%, 75%, 41%
CMY	0.6392, 0.2471, 0.5882
CMYK	0.52, 0.00, 0.45, 0.25
HSL	128°, 44%, 56%
HSV	128°, 52%, 75%
XYZ	25.8131, 40.9945, 19.9168
YIQ	152.1820, -31.6730, -48.2570

Conversions

Conversions Part 2

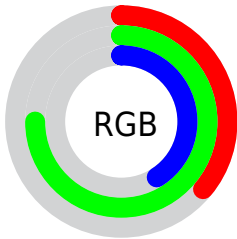
Format	Color
RYB	92, 180, 192
Decimal	6078569
CIELab	70.17, -47.64, 35.04
CIELCh	70, 59.136, 143.662
Yxy	40.9945, 0.2976, 0.4727
Android (android.graphics.Color)	4284268649 (0xFF5CC069)
YUV	152.1820, -23.2607, -52.7796
Hunter-Lab	64.0270, -40.0832, 26.3755

Details

The Hex color **5CC069** 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 **C05CB3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **95F99D**, and **1C8A38** is the 20% darker color. If you saturate the color by 10%, you get **49C058**, and if you desaturate by 10%, it is **6FC07A**.

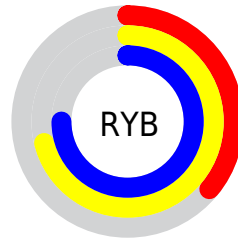
Distribution



Red (36%)

Green (75%)

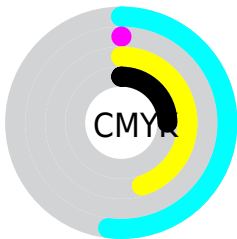
Blue (41%)



Red (36%)

Yellow (71%)

Blue (75%)

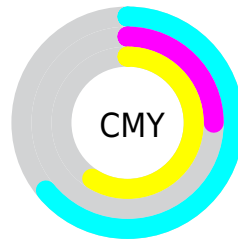


Cyan (52%)

Magenta (0%)

Yellow (45%)

Black (25%)



Cyan (64%)

Magenta (25%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CC069 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 5CC069 by changing the saturation by 10% instead.



5CC069



5CC069

FFFFFF



3FA450



95F99D



1C8A38



B1FFB9



006F1F



CEFFD5



005604



ECFFF1



003E00



002800



000100



000000



5CC069



5CC069

 49C058

 6FC07A

 36C048

 82C08A

 22C037

 96C09B

 0FC026

 A9C0AC

 00C019

 BCC0BD

 CFC0CD

 E2C0DE

 F6C0EF

 FFC0FF

Harmonies

Analogous

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



9FB542



5CC069



00C59E

Triad

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



5CC069



00B5FF



FF7F84

Complementary

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



5CC069



C05CB3

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.



FF7DB9



5CC069



9AA2FF

Square

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



5CC069



00C1FF



E28CEC



FA9056

Rectangle

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



5CC069



00C6C3



E28CEC



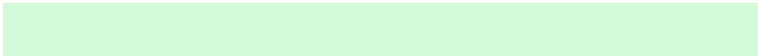
FF7C95

Sweetspot

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



5CC069



D2FAD7



B4C05C



657D68



FCFCFC



7D7D7D

Same Dimension

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



5CC069



5CFA71



5CC09A



576158



00A115



002104

Inverse Universe

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



C05CB3



FA5CE5



C05C82



615760



A1008C



21001D

Previews

White Background



This preview shows how the Hex color 5CC069 looks on a white background.

Color Contrast Check

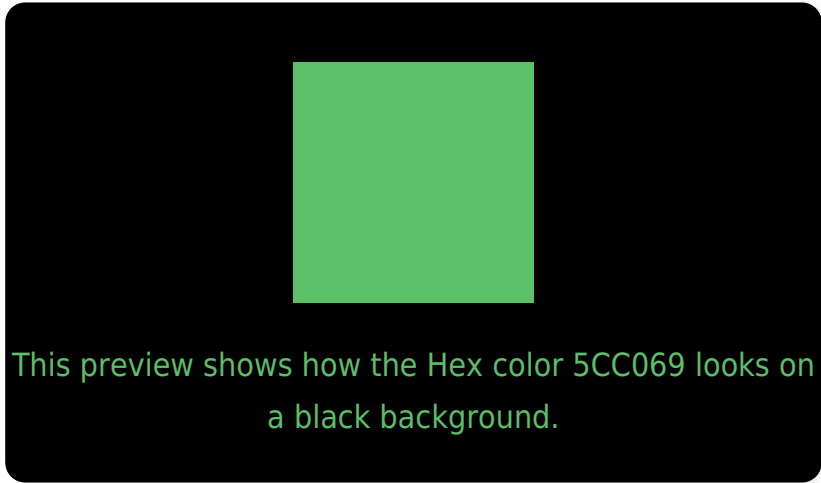
Large Text (above 18pt) WCAG AA × Fail

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

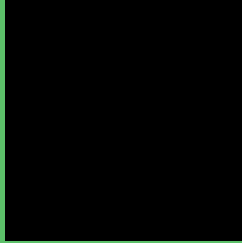
Any Text WCAG AA ✓ Pass

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 5CC069 Background



This preview shows how black text looks on a background with the Hex color 5CC069.

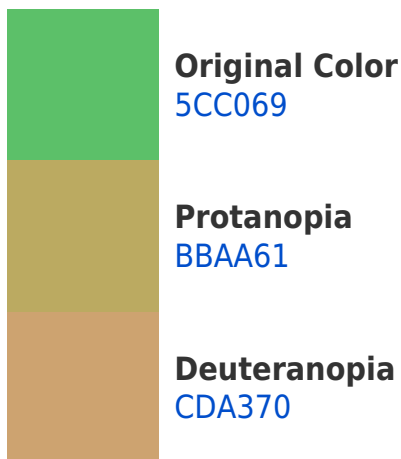


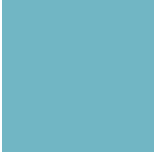
This preview shows how white text looks on a background with the Hex color 5CC069.

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
71B6C4

Trichromacy



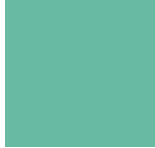
Original Color
5CC069



Protanomaly
98B264



Deuteranomaly
A4AE6D



Tritanomaly
69BAA3

Monochromacy



Original Color
5CC069



Achromatopsia
989898



Achromatomaly
82A787

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CC069 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 #5CC069 looks like.

```
.text, #text, p{  
    color:#5CC069  
}
```

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 #5CC069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CC069
}
```

Border

The CSS property to change the border of an element to Hex 5CC069 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
#5CC069 }
```

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

```
.border{ border-color:#5CC069 }
```

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

Here you see how a box with a 4 pixel #5CC069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CC069; -webkit-box-shadow:4px 4px  
4px 4px #5CC069; box-shadow:4px 4px 4px  
4px #5CC069 }
```

Background

The CSS property to change the background color of an element to Hex 5CC069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CC069 }
```

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

```
.background{ background-color:#5CC069 }
```

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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