

# Converting Colors

Hex(5CE05C)

Have a look what the booklet for  
Hex(5CE05C) contains.

<b>Hex(5CE05C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(5CE05C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CE05C
RGB	92, 224, 92
RGB Percent	36%, 88%, 36%
CMY	0.6392, 0.1216, 0.6392
CMYK	0.59, 0.00, 0.59, 0.12
HSL	120°, 68%, 62%
HSV	120°, 59%, 88%
XYZ	33.0011, 56.3593, 19.2643
YIQ	169.4840, -36.3000, -69.0360

# Conversions

## Conversions Part 2

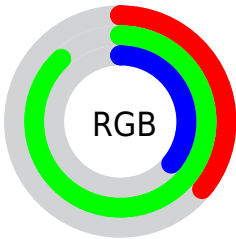
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 224, 224
Decimal	6086748
CIELab	79.82, -61.58, 52.93
CIELCh	80, 81.200, 139.324
Yxy	56.3593, 0.3038, 0.5188
Android (android.graphics.Color)	4284276828 (0xFF5CE05C)
YUV	169.4840, -38.1996, -67.9535
Hunter-Lab	75.0728, -52.9112, 37.3367

# Details

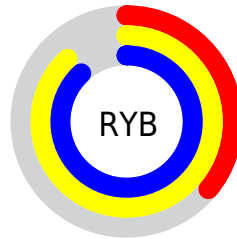
The Hex color **5CE05C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **E05CE0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **99FF92**, and **00A725** is the 20% darker color. If you saturate the color by 10%, you get **46E046**, and if you desaturate by 10%, it is **72E072**.

# Distribution



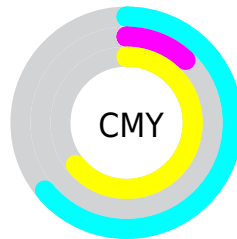
- Red (36%)
- Green (88%)
- Blue (36%)



- Red (36%)
- Yellow (88%)
- Blue (88%)



- Cyan (59%)
- Magenta (0%)
- Yellow (59%)
- Black (12%)



- Cyan (64%)
- Magenta (12%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CE05C 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 5CE05C by changing the saturation by 10% instead.



 5CE05C

 5CE05C

FFFFFF

 39C341

 99FF92

 00A725

 B8FFAE

 008C00

 D6FFCA

 007200

 F4FFE7

 005800

 003F00

 002700

 000000

 5CE05C

 5CE05C

 46E046

 72E072

 2FE02F

 89E089

 19E019

 9FE09F

 02E002

 B6E0B6

 00E000

 CCE0CC

 E2E0E2

 F9E0F9

 FFE0FF

# Harmonies

## Analogous

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



BCD118



5CE05C



00E8A7

# Triad

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



5CE05C



00D6FF



FF7E98

# Complementary

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



5CE05C



E05CE0

# 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.



FF7EE4



5CE05C



8EBDFF

# Square

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



5CE05C



00E4FF



FF9BFF



FF9954

# Rectangle

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



5CE05C



00E9DC



FF9BFF



FF7AB1

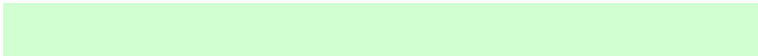


# Sweetspot

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



5CE05C



D1FFD1



E0E05C



638063



000000



808080



# Same Dimension

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



5CE05C



4AFF4A



5CE09E



657065



00B000



003000



# Inverse Universe

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



E05CE0



FF4AFF



E05C9E



706570



B000B0

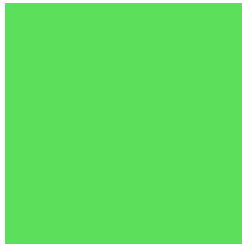


300030



# Previews

## White Background



This preview shows how the Hex color 5CE05C 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



This preview shows how the Hex color 5CE05C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

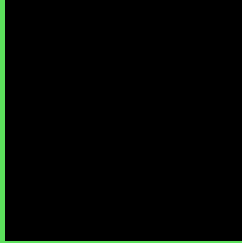
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CE05C Background



This preview shows how black text looks on a background with the Hex color 5CE05C.

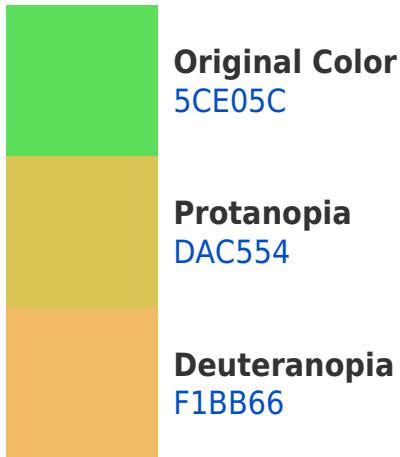


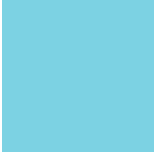
This preview shows how white text looks on a background with the Hex color 5CE05C.

# 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**  
7CD2E3

# Trichromacy



**Original Color**  
5CE05C



**Protanomaly**  
ACCF57



**Deuteranomaly**  
BBC862



**Tritanomaly**  
70D7B2

# Monochromacy



**Original Color**  
5CE05C



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
8DBD8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CE05C 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 #5CE05C looks like.

```
.text, #text, p{  
    color:#5CE05C  
}
```

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 #5CE05C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE05C
}
```

## Border

The CSS property to change the border of an element to Hex 5CE05C 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
#5CE05C }
```

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

```
.border{ border-color:#5CE05C }
```

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

Here you see how a box with a 4 pixel #5CE05C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE05C; -webkit-box-shadow:4px 4px  
4px 4px #5CE05C; box-shadow:4px 4px 4px  
4px #5CE05C }
```

# Background

The CSS property to change the background color of an element to Hex 5CE05C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE05C }
```

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

```
.background{ background-color:#5CE05C }
```

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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