

# Converting Colors

Hex(5CE76A)

Have a look what the booklet for  
Hex(5CE76A) contains.

<b>Hex(5CE76A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5CE76A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CE76A
RGB	92, 231, 106
RGB Percent	36%, 91%, 42%
CMY	0.6392, 0.0941, 0.5843
CMYK	0.60, 0.00, 0.54, 0.09
HSL	126°, 74%, 63%
HSV	126°, 60%, 91%
XYZ	35.5911, 60.4677, 23.4313
YIQ	175.1890, -42.7190, -68.3430

# Conversions

## Conversions Part 2

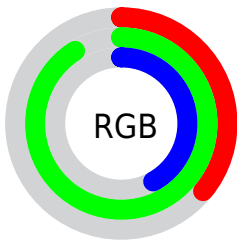
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 218, 231
Decimal	6088554
CIELab	82.09, -62.42, 49.27
CIELCh	82, 79.525, 141.714
Yxy	60.4677, 0.2979, 0.5060
Android (android.graphics.Color)	4284278634 (0xFF5CE76A)
YUV	175.1890, -34.1102, -72.9568
Hunter-Lab	77.7610, -54.3827, 36.5672

# Details

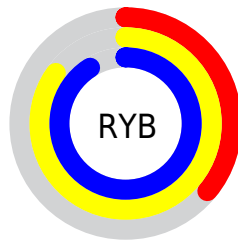
The Hex color **5CE76A** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E75CD9**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9AFFA0**, and **00AE35** is the 20% darker color. If you saturate the color by 10%, you get **45E755**, and if you desaturate by 10%, it is **73E77F**.

# Distribution



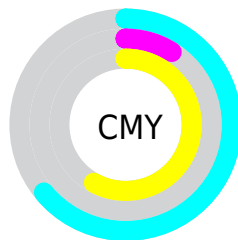
- Red (36%)
- Green (91%)
- Blue (42%)



- Red (36%)
- Yellow (85%)
- Blue (91%)



- Cyan (60%)
- Magenta (0%)
- Yellow (54%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CE76A 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 5CE76A by changing the saturation by 10% instead.



 5CE76A

 5CE76A

FFFFFF

 39CA50

 9AFFA0

 00AE35

 B8FFBC

 009319

 D7FFD8

 007800

 F5FFF5

 005E00

 004500

 002D00

 000E00

 000000

 5CE76A

 5CE76A

 45E755

 73E77F

 2EE740

 8AE794

 17E72C

 A1E7A8

 00E717

 B8E7BD

 D0E7D2

 E7E7E7

 FEE7FB

 FFE7FF

# Harmonies

## Analogous

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



BED92D



5CE76A



00EEB4

# Triad

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



5CE76A



00DBFF



FF8899

# Complementary

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



5CE76A



E75CD9

# 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.



FF86E4



5CE76A



A5C1FF

# Square

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



5CE76A



00EAFF



FFA0FF



FFA357

# Rectangle

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



5CE76A



00F0E8



FFA0FF



FF84B2

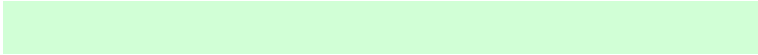


# Sweetspot

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



5CE76A



D1FFD6



D9E75C



638066



000000



808080



# Same Dimension

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



5CE76A



47FF5A



5CE7AF



677368



00B312



003305



# Inverse Universe

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



E75CD9



FF47ED



E75C94



736772



B300A1

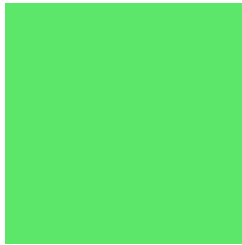


33002E



# Previews

## White Background



This preview shows how the Hex color 5CE76A 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 5CE76A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

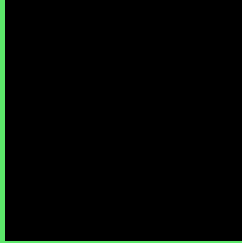
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5CE76A Background



This preview shows how black text looks on a background with the Hex color 5CE76A.

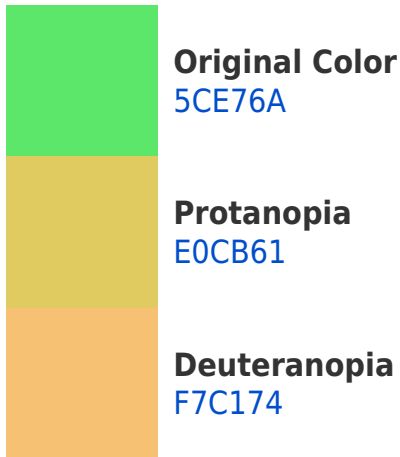


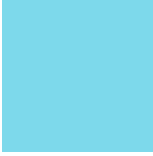
This preview shows how white text looks on a background with the Hex color 5CE76A.

# 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](#).

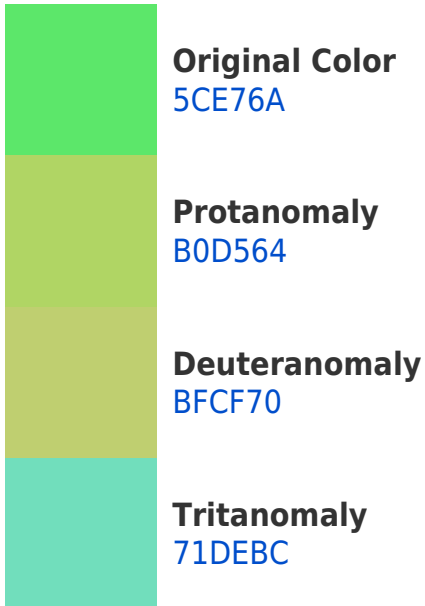
## Dichromacy



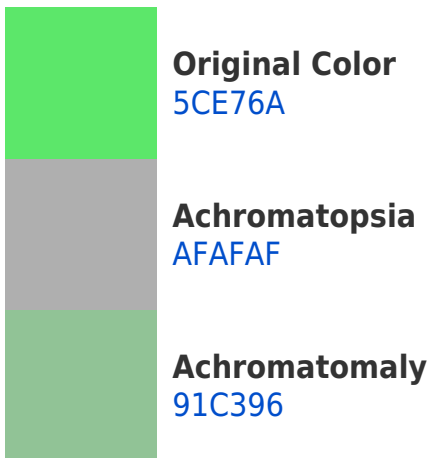


**Tritanopia**  
7DD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CE76A 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 #5CE76A looks like.

```
.text, #text, p{  
    color:#5CE76A  
}
```

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 #5CE76A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE76A
}
```

## Border

The CSS property to change the border of an element to Hex 5CE76A 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
#5CE76A }
```

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

```
.border{ border-color:#5CE76A }
```

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

Here you see how a box with a 4 pixel #5CE76A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE76A; -webkit-box-shadow:4px 4px  
4px 4px #5CE76A; box-shadow:4px 4px 4px  
4px #5CE76A }
```

# Background

The CSS property to change the background color of an element to Hex 5CE76A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE76A }
```

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

```
.background{ background-color:#5CE76A }
```

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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