

# Converting Colors

Hex(6CE45C)

Have a look what the booklet for  
Hex(6CE45C) contains.

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**Color**

**Hex(6CE45C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CE45C
RGB	108, 228, 92
RGB Percent	42%, 89%, 36%
CMY	0.5765, 0.1059, 0.6392
CMYK	0.53, 0.00, 0.60, 0.11
HSL	113°, 72%, 63%
HSV	113°, 60%, 89%
XYZ	35.8595, 59.4477, 19.7098
YIQ	176.6160, -27.8640, -67.7360

# Conversions

## Conversions Part 2

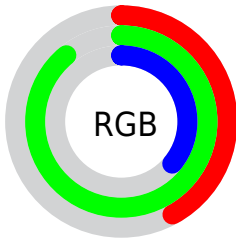
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 228, 212
Decimal	7136348
CIELab	81.54, -59.13, 55.03
CIELCh	82, 80.773, 137.055
Yxy	59.4477, 0.3118, 0.5169
Android (android.graphics.Color)	4285326428 (0xFF6CE45C)
YUV	176.6160, -41.7157, -60.1762
Hunter-Lab	77.1023, -51.9105, 38.8152

# Details

The Hex color **6CE45C** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **D45CE4**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **A8FF92**, and **28AB24** is the 20% darker color. If you saturate the color by 10%, you get **58E445**, and if you desaturate by 10%, it is **80E473**.

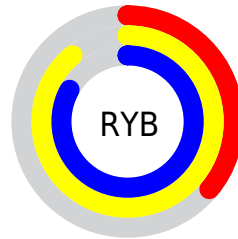
# Distribution



Red (42%)

Green (89%)

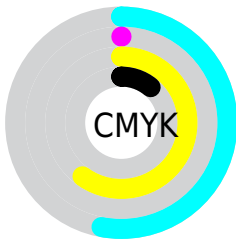
Blue (36%)



Red (36%)

Yellow (89%)

Blue (83%)

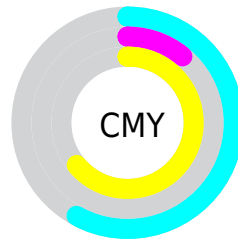


Cyan (53%)

Magenta (0%)

Yellow (60%)

Black (11%)



Cyan (58%)

Magenta (11%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CE45C 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 6CE45C by changing the saturation by 10% instead.



 6CE45C

 6CE45C

FFFFFF

 4DC741

 A8FF92

 28AB24

 C6FFAE

 009000

 E4FFCA

 007600

 FFFFE7

 005C00

 004300

 002C00

 000B00

 000000

 6CE45C

 6CE45C

 58E445

 80E473

 44E42E

 94E48A

 30E418

 A8E4A0

 1CE401

 BCE4B7

 1BE400

 D1E4CE

 E5E4E5

 F9E4FC

 FFE4FF

# Harmonies

## Analogous

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



C7D41F



6CE45C



00ECA6

# Triad

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



6CE45C



00DDFF



FF82A3

# Complementary

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



6CE45C



D45CE4

# 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.



FF85EF



6CE45C



87C4FF

# Square

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



6CE45C



00EAFF



FFA3FF



FF9C5E

# Rectangle

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



6CE45C



00EEDB



FFA3FF



FF7FBC

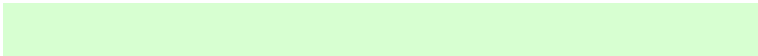


# Sweetspot

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



6CE45C



D7FFD1



E4D25C



678063



000000



808080



# Same Dimension

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



6CE45C



5DFF47



5CE48E



697367



15B300



063300



# Inverse Universe

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



D45CE4



E947FF



E45CB2



716773



9E00B3

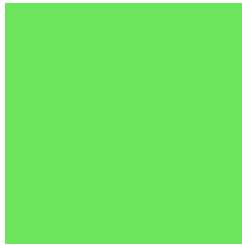


2D0033



# Previews

## White Background



This preview shows how the Hex color 6CE45C 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 6CE45C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

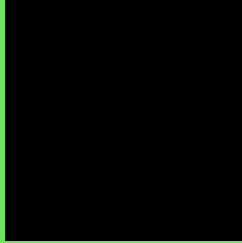
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CE45C Background



This preview shows how black text looks on a background with the Hex color 6CE45C.

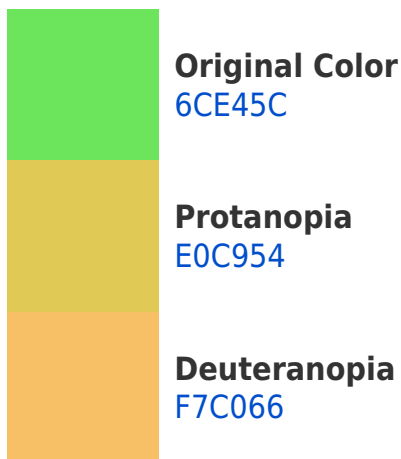


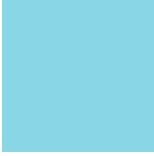
This preview shows how white text looks on a background with the Hex color 6CE45C.

# 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**  
89D6E7

# Trichromacy



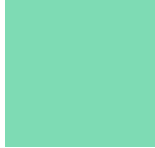
**Original Color**  
6CE45C



**Protanomaly**  
B6D357



**Deuteranomaly**  
C4CD62



**Tritanomaly**  
7EDBB4

# Monochromacy



**Original Color**  
6CE45C



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
98C492

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CE45C 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 #6CE45C looks like.

```
.text, #text, p{  
    color:#6CE45C  
}
```

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 #6CE45C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CE45C
}
```

## Border

The CSS property to change the border of an element to Hex 6CE45C 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
#6CE45C }
```

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

```
.border{ border-color:#6CE45C }
```

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

Here you see how a box with a 4 pixel #6CE45C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CE45C; -webkit-box-shadow:4px 4px  
4px 4px #6CE45C; box-shadow:4px 4px 4px  
4px #6CE45C }
```

# Background

The CSS property to change the background color of an element to Hex 6CE45C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CE45C }
```

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

```
.background{ background-color:#6CE45C }
```

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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