

Converting Colors

Hex(5CE77C)

Have a look what the booklet for
Hex(5CE77C) contains.

Hex(5CE77C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5CE77C)

Conversions

Conversions Part 1

Format	Color
Hex	5CE77C
RGB	92, 231, 124
RGB Percent	36%, 91%, 49%
CMY	0.6392, 0.0941, 0.5137
CMYK	0.60, 0.00, 0.46, 0.09
HSL	134°, 74%, 63%
HSV	134°, 60%, 91%
XYZ	36.6276, 60.8824, 28.8898
YIQ	177.2410, -48.4970, -62.7450

Conversions

Conversions Part 2

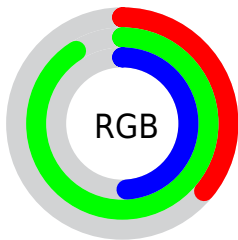
Format	Color
RYB	92, 205, 231
Decimal	6088572
CIELab	82.32, -59.92, 40.99
CIElCh	82, 72.600, 145.623
Yxy	60.8824, 0.2898, 0.4817
Android (android.graphics.Color)	4284278652 (0xFF5CE77C)
YUV	177.2410, -26.2478, -74.7564
Hunter-Lab	78.0272, -52.7558, 32.6667

Details

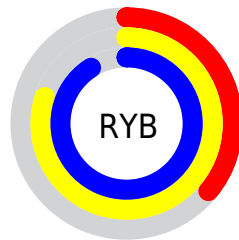
The Hex color **5CE77C** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **E75CC7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **9AFFB2**, and **00AE49** is the 20% darker color. If you saturate the color by 10%, you get **45E76A**, and if you desaturate by 10%, it is **73E78E**.

Distribution



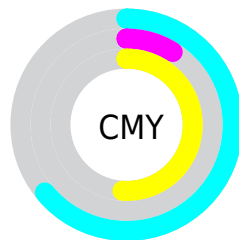
- Red (36%)
- Green (91%)
- Blue (49%)



- Red (36%)
- Yellow (80%)
- Blue (91%)



- Cyan (60%)
- Magenta (0%)
- Yellow (46%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CE77C 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 5CE77C by changing the saturation by 10% instead.

 5CE77C

 5CE77C


FFFFFF

 39CA62

 9AFFB2

 00AE49

 B8FFCE

 00932F

 D6FFEB

 007815

 F4FFFF

 005E00

 004500

 002E00

 000F00

 000000

 5CE77C

 5CE77C

 45E76A

 73E78E

 2EE758

 8AE7A0

 17E747

 A1E7B1

 00E735

 B8E7C3

 D0E7D5

 E7E7E7

 FEE7F8

 FFE7FF

Harmonies

Analogous

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



B7DA47



5CE77C



00EDC0

Triad

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



5CE77C



00D7FF



FF9496

Complementary

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



5CE77C



E75CC7

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.



FF8EDA



5CE77C



BDBFFF

Square

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



5CE77C



00E7FF



FFA2FF



FFAB5C

Rectangle

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



5CE77C



00EEEE



FFA2FF



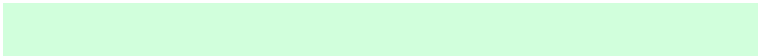
FF8FAC

Sweetspot

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



5CE77C



D1FFDC



C9E75C



63806A



000000



808080

Same Dimension

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



5CE77C



47FF72



5CE7C0



67736A



00B329



00330C

Inverse Universe

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



E75CC7



FF47D5



E75C83



736770



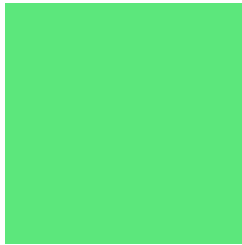
B30089



330027

Previews

White Background



This preview shows how the Hex color 5CE77C 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 5CE77C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

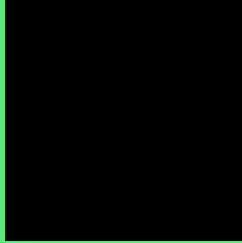
Any Text WCAG AA ✓ Pass

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 5CE77C Background



This preview shows how black text looks on a background with the Hex color 5CE77C.

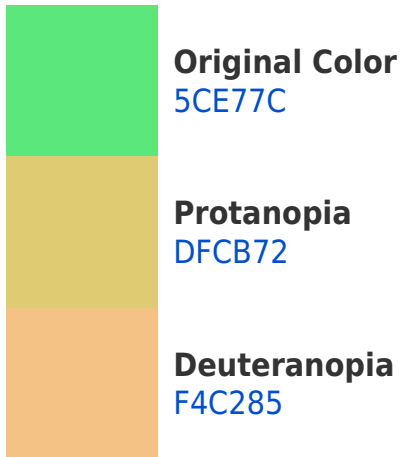


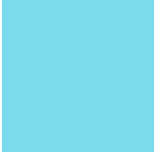
This preview shows how white text looks on a background with the Hex color 5CE77C.

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
7BDAEC

Trichromacy



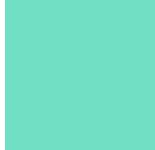
Original Color
5CE77C



Protanomaly
AFD576



Deuteranomaly
BDCF82



Tritanomaly
70DFC3

Monochromacy



Original Color
5CE77C



Achromatopsia
B1B1B1



Achromatomaly
92C59E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CE77C 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 #5CE77C looks like.

```
.text, #text, p{  
    color:#5CE77C  
}
```

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 #5CE77C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE77C
}
```

Border

The CSS property to change the border of an element to Hex 5CE77C 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
#5CE77C }
```

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

```
.border{ border-color:#5CE77C }
```

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

Here you see how a box with a 4 pixel #5CE77C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE77C; -webkit-box-shadow:4px 4px  
4px 4px #5CE77C; box-shadow:4px 4px 4px  
4px #5CE77C }
```

Background

The CSS property to change the background color of an element to Hex 5CE77C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE77C }
```

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

```
.background{ background-color:#5CE77C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor