

Converting Colors

Hex(5CE37F)

Have a look what the booklet for
Hex(5CE37F) contains.

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Color

Hex(5CE37F)

Conversions

Conversions Part 1

Format	Color
Hex	5CE37F
RGB	92, 227, 127
RGB Percent	36%, 89%, 50%
CMY	0.6392, 0.1098, 0.5020
CMYK	0.59, 0.00, 0.44, 0.11
HSL	136°, 71%, 63%
HSV	136°, 59%, 89%
XYZ	35.7135, 58.7458, 29.5354
YIQ	175.2350, -48.3600, -59.7200

Conversions

Conversions Part 2

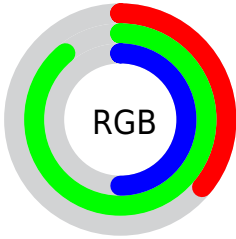
Format	Color
RYB	92, 199, 227
Decimal	6087551
CIELab	81.15, -57.96, 38.04
CIElCh	81, 69.323, 146.723
Yxy	58.7458, 0.2880, 0.4738
Android (android.graphics.Color)	4284277631 (0xFF5CE37F)
YUV	175.2350, -23.7799, -72.9971
Hunter-Lab	76.6458, -50.9572, 30.8047

Details

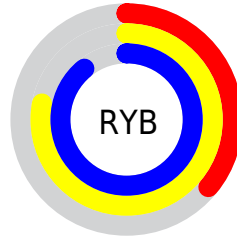
The Hex color **5CE37F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **E35CC0**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **99FFB5**, and **00AA4C** is the 20% darker color. If you saturate the color by 10%, you get **45E36E**, and if you desaturate by 10%, it is **73E390**.

Distribution



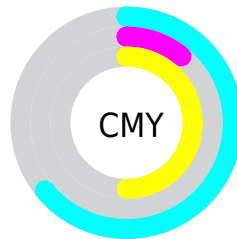
- Red (36%)
- Green (89%)
- Blue (50%)



- Red (36%)
- Yellow (78%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CE37F 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 5CE37F by changing the saturation by 10% instead.

 5CE37F

 5CE37F

FFFFFF

 3AC665

 99FFB5

 00AA4C

 B7FFD1

 008F33

 D5FFEE

 00751A

 F3FFFF

 005B00

 004200

 002B00

 000800

 000000

 5CE37F

 5CE37F

 45E36E

 73E390

 2FE35D

 89E3A1

 18E34D

 A0E3B1

 01E33C

 B7E3C2

 00E33B

 CEE3D3

 E4E3E4

 FBE3F5

 FFE3FF

Harmonies

Analogous

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



B3D74D



5CE37F



00E9C0

Triad

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



5CE37F



00D3FF



FF9493

Complementary

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



5CE37F



E35CC0

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.



FF8FD3



5CE37F



BFBBFF

Square

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



5CE37F



00E2FF



FFA0FF



FFAB5D

Rectangle

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



5CE37F



00E9ED



FFA0FF



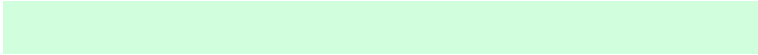
FF90A8

Sweetspot

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



5CE37F



D1FFDD



C1E35C



63806B



000000



808080

Same Dimension

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



5CE37F



4AFF79



5CE3C1



67736A



00B32E



00330D

Inverse Universe

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



E35CC0



FF4AD0



E35C7E



736770



B30084



330026

Previews

White Background



This preview shows how the Hex color 5CE37F looks on a white background.

Color Contrast Check

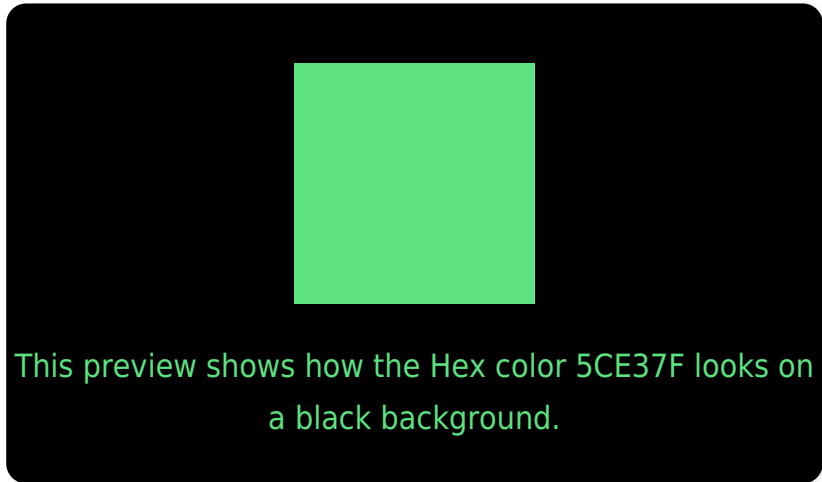
Large Text (above 18pt) WCAG AA × Fail

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

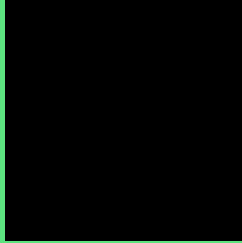
Any Text WCAG AA ✓ Pass

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 5CE37F Background



This preview shows how black text looks on a background with the Hex color 5CE37F.

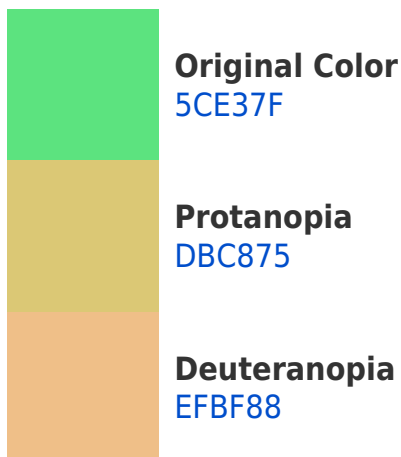


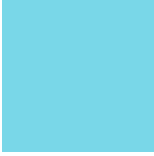
This preview shows how white text looks on a background with the Hex color 5CE37F.

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
79D7E8

Trichromacy



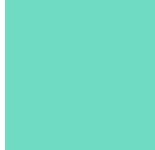
Original Color
5CE37F



Protanomaly
ADD279



Deuteranomaly
BACC85

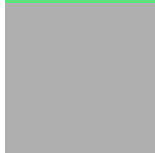


Tritanomaly
6EDBC2

Monochromacy



Original Color
5CE37F



Achromatopsia
AFAFAF



Achromatomaly
91C29E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CE37F 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 #5CE37F looks like.

```
.text, #text, p{  
    color:#5CE37F  
}
```

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 #5CE37F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE37F
}
```

Border

The CSS property to change the border of an element to Hex 5CE37F 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
#5CE37F }
```

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

```
.border{ border-color:#5CE37F }
```

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

Here you see how a box with a 4 pixel #5CE37F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE37F; -webkit-box-shadow:4px 4px  
4px 4px #5CE37F; box-shadow:4px 4px 4px  
4px #5CE37F }
```

Background

The CSS property to change the background color of an element to Hex 5CE37F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE37F }
```

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

```
.background{ background-color:#5CE37F }
```

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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