

Converting Colors

Hex(5CCC7E)

Have a look what the booklet for
Hex(5CCC7E) contains.

Hex(5CCC7E)	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(5CCC7E)

Conversions

Conversions Part 1

Format	Color
Hex	5CCC7E
RGB	92, 204, 126
RGB Percent	36%, 80%, 49%
CMY	0.6392, 0.2000, 0.5059
CMYK	0.55, 0.00, 0.38, 0.20
HSL	138°, 52%, 58%
HSV	138°, 55%, 80%
XYZ	29.7724, 46.9674, 27.2351
YIQ	161.6200, -41.7140, -48.0020

Conversions

Conversions Part 2

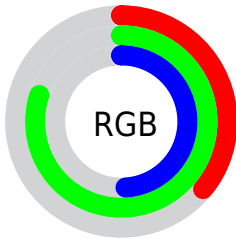
Format	Color
RYB	92, 178, 204
Decimal	6081662
CIELab	74.17, -49.09, 29.45
CIELCh	74, 57.246, 149.040
Yxy	46.9674, 0.2863, 0.4517
Android (android.graphics.Color)	4284271742 (0xFF5CCC7E)
YUV	161.6200, -17.5607, -61.0567
Hunter-Lab	68.5328, -42.3874, 24.4109

Details

The Hex color **5CCC7E** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **CC5CAA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **96FFB3**, and **17954C** is the 20% darker color. If you saturate the color by 10%, you get **48CC70**, and if you desaturate by 10%, it is **70CC8C**.

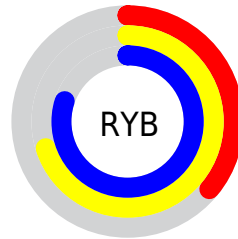
Distribution



Red (36%)

Green (80%)

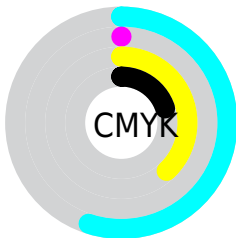
Blue (49%)



Red (36%)

Yellow (70%)

Blue (80%)

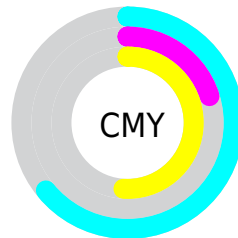


Cyan (55%)

Magenta (0%)

Yellow (38%)

Black (20%)



Cyan (64%)

Magenta (20%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CCC7E 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 5CCC7E by changing the saturation by 10% instead.


 5CCC7E

 5CCC7E

FFFFFF

 3DB065

 96FFB3

 17954C

 B3FFCF

 007A34

 D0FFEC

 00611D

 EEEFFF

 004805

 003100

 001700

 000000

 5CCC7E

 5CCC7E

 48CC70

 70CC8C

 33CC62

 85CC9A

 1FCC53

 99CCA9

 0ACC45

 AECCB7

 00CC3E

 C2CCC5

 D6CCD3

 EBCCE1

 FFCCF0

 FFCCFE

Harmonies

Analogous

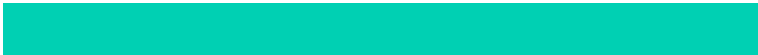
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1C256



5CC7E



00D0B3

Triad

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



5CCC7E



46BDFE



FF8E86

Complementary

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



5CCC7E



CC5CAA

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.



FF89BA



5CCC7E



B6A9FF

Square

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



5CCC7E



00CAFF



F595ED



FFA05D

Rectangle

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



5CCC7E



00D1D7



F595ED



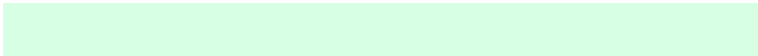
FF8A97

Sweetspot

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



5CCC7E



D6FFE3



AACC5C



67806F



000000



808080

Same Dimension

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



5CCC7E



57FF8A



5CCCB6



5C665F



00A632



00260C

Inverse Universe

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



CC5CAA



FF57CC



CC5C72



665C63



A60073



26001B

Previews

White Background



This preview shows how the Hex color 5CCC7E looks on a white background.

Color Contrast Check

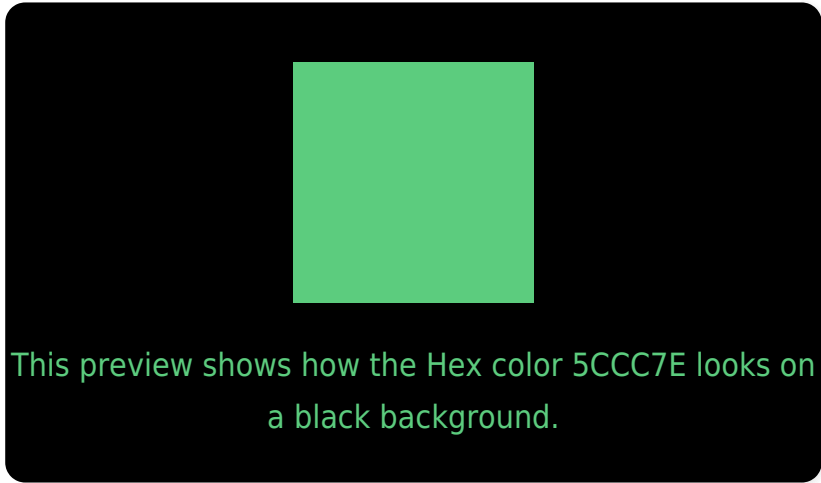
Large Text (above 18pt) WCAG AA × Fail

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

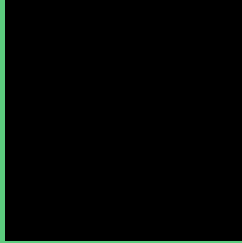
Any Text WCAG AA ✓ Pass

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 5CCC7E Background



This preview shows how black text looks on a background with the Hex color 5CCC7E.

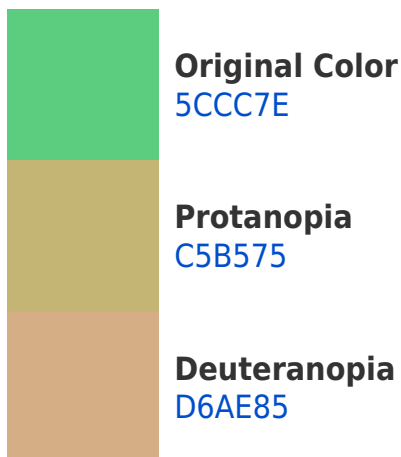


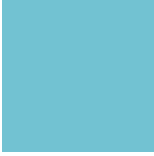
This preview shows how white text looks on a background with the Hex color 5CCC7E.

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](#).

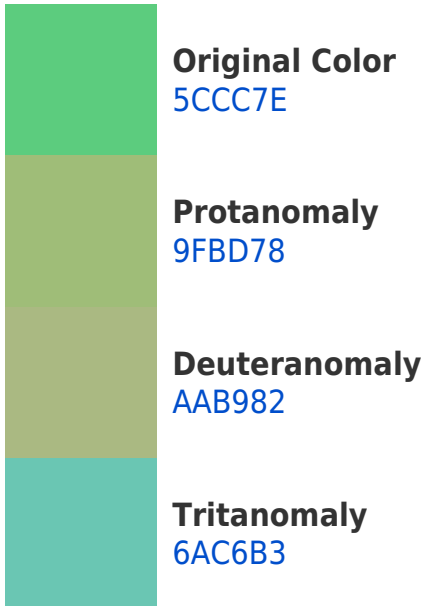
Dichromacy



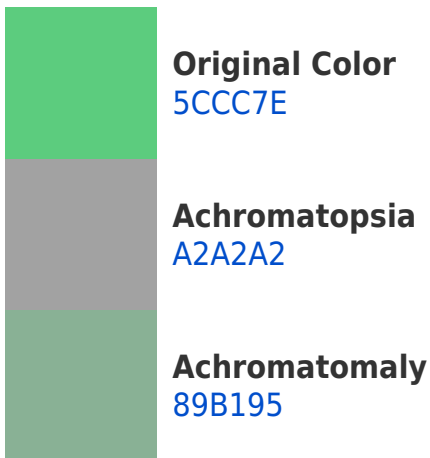


Tritanopia
72C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CCC7E 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 #5CCC7E looks like.

```
.text, #text, p{  
    color:#5CCC7E  
}
```

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 #5CCC7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CCC7E
}
```

Border

The CSS property to change the border of an element to Hex 5CCC7E 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
#5CCC7E }
```

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

```
.border{ border-color:#5CCC7E }
```

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

Here you see how a box with a 4 pixel #5CCC7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CCC7E; -webkit-box-shadow:4px 4px  
4px 4px #5CCC7E; box-shadow:4px 4px 4px  
4px #5CCC7E }
```

Background

The CSS property to change the background color of an element to Hex 5CCC7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CCC7E }
```

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

```
.background{ background-color:#5CCC7E }
```

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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