

Converting Colors

Hex(5CCC87)

Have a look what the booklet for
Hex(5CCC87) contains.

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Color

Hex(5CCC87)

Conversions

Conversions Part 1

Format	Color
Hex	5CCC87
RGB	92, 204, 135
RGB Percent	36%, 80%, 53%
CMY	0.6392, 0.2000, 0.4706
CMYK	0.55, 0.00, 0.34, 0.20
HSL	143°, 52%, 58%
HSV	143°, 55%, 80%
XYZ	30.3797, 47.2103, 30.4330
YIQ	162.6460, -44.6030, -45.2030

Conversions

Conversions Part 2

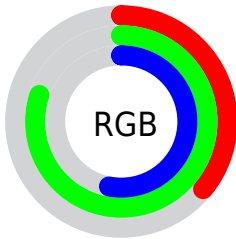
Format	Color
RYB	92, 173, 204
Decimal	6081671
CIELab	74.32, -47.47, 24.97
CIELCh	74, 53.631, 152.256
Yxy	47.2103, 0.2812, 0.4370
Android (android.graphics.Color)	4284271751 (0xFF5CCC87)
YUV	162.6460, -13.6295, -61.9565
Hunter-Lab	68.7098, -41.3192, 21.8360

Details

The Hex color **5CCC87** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC5CA1**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **96FFBD**, and **179555** is the 20% darker color. If you saturate the color by 10%, you get **48CC7A**, and if you desaturate by 10%, it is **70CC94**.

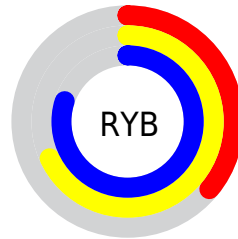
Distribution



Red (36%)

Green (80%)

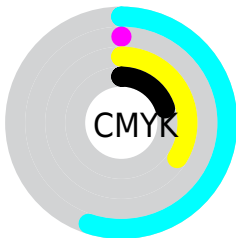
Blue (53%)



Red (36%)

Yellow (68%)

Blue (80%)

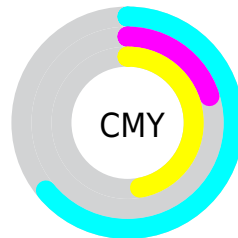


Cyan (55%)

Magenta (0%)

Yellow (34%)

Black (20%)



Cyan (64%)

Magenta (20%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CCC87 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 5CCC87 by changing the saturation by 10% instead.

 5CCC87

 5CCC87

FFFFFF

 3DB06D

 96FFBD

 179555

 B3FFD9

 007A3D

 D0FFF5

 006126

 EEEFFF

 004810

 003100

 001800

 000000

 5CCC87

 5CCC87

 48CC7A

 70CC94

 33CC6E

 85CCA0

 1FCC61

 99CCAD

 0ACC55

 AECCB9

 00CC4E

 C2CCC6

 D6CCD2

 EBCCDF

 FFCCEC

 FFCCF8

Harmonies

Analogous

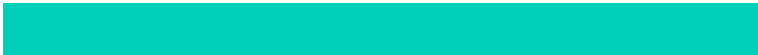
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DC360



5CCC87



00D0B9

Triad

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



5CCC87



65BBFF



FF9385

Complementary

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



5CCC87



CC5CA1

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.



FF8DB5



5CCC87



BFA8FF

Square

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



5CCC87



00C8FF



F796E6



F8A460

Rectangle

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



5CCC87



00D0DB



F796E6



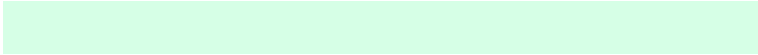
FF8F94

Sweetspot

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



5CCC87



D6FFE6



A1CC5C



678071



000000



808080

Same Dimension

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



5CCC87



57FF97



5CCCBF



5C6660



00A640



00260F

Inverse Universe

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



CC5CA1



FF57BE



CC5C69



665C62



A60066



260018

Previews

White Background



This preview shows how the Hex color 5CCC87 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 5CCC87 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

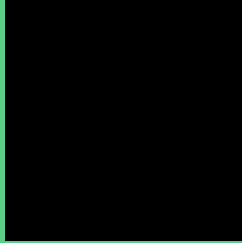
Any Text WCAG AA ✓ Pass

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 5CCC87 Background



This preview shows how black text looks on a background with the Hex color 5CCC87.

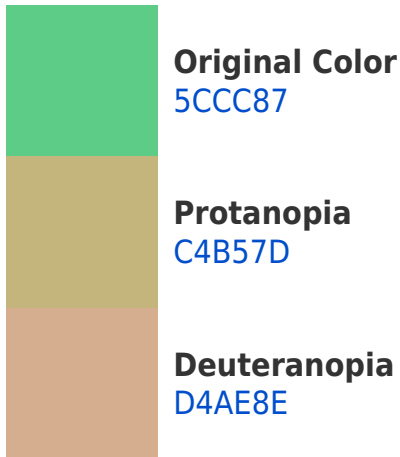


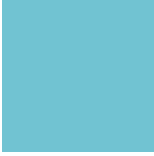
This preview shows how white text looks on a background with the Hex color 5CCC87.

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
71C3D2

Trichromacy



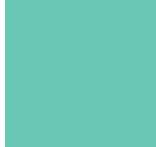
Original Color
5CCC87



Protanomaly
9EBD81



Deuteranomaly
A8B98B



Tritanomaly
69C6B7

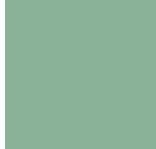
Monochromacy



Original Color
5CCC87



Achromatopsia
A3A3A3



Achromatomaly
89B299

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CCC87 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 #5CCC87 looks like.

```
.text, #text, p{  
    color:#5CCC87  
}
```

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 #5CCC87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CCC87
}
```

Border

The CSS property to change the border of an element to Hex 5CCC87 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
#5CCC87 }
```

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

```
.border{ border-color:#5CCC87 }
```

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

Here you see how a box with a 4 pixel #5CCC87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CCC87; -webkit-box-shadow:4px 4px  
4px 4px #5CCC87; box-shadow:4px 4px 4px  
4px #5CCC87 }
```

Background

The CSS property to change the background color of an element to Hex 5CCC87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CCC87 }
```

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

```
.background{ background-color:#5CCC87 }
```

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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