

Converting Colors

Hex(57CF8B)

Have a look what the booklet for
Hex(57CF8B) contains.

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Color

Hex(57CF8B)

Conversions

Conversions Part 1

Format	Color
Hex	57CF8B
RGB	87, 207, 139
RGB Percent	34%, 81%, 55%
CMY	0.6588, 0.1882, 0.4549
CMYK	0.58, 0.00, 0.33, 0.19
HSL	146°, 56%, 58%
HSV	146°, 58%, 81%
XYZ	30.9035, 48.5160, 32.1618
YIQ	163.3680, -49.6920, -46.5880

Conversions

Conversions Part 2

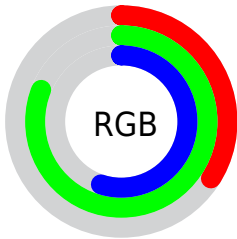
Format	Color
RYB	87, 171, 207
Decimal	5754763
CIELab	75.15, -49.07, 23.96
CIELCh	75, 54.605, 153.976
Yxy	48.5160, 0.2770, 0.4348
Android (android.graphics.Color)	4283944843 (0xFF57CF8B)
YUV	163.3680, -12.0134, -66.9747
Hunter-Lab	69.6534, -42.6974, 21.3808

Details

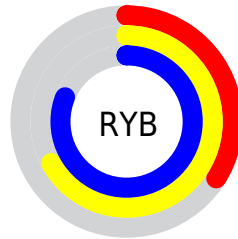
The Hex color **57CF8B** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CF579B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **92FFC1**, and **049858** is the 20% darker color. If you saturate the color by 10%, you get **42CF7F**, and if you desaturate by 10%, it is **6CCF97**.

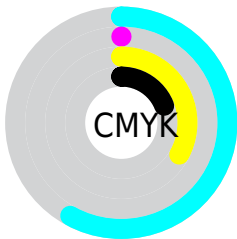
Distribution



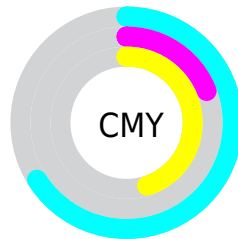
- Red (34%)
- Green (81%)
- Blue (55%)



- Red (34%)
- Yellow (67%)
- Blue (81%)



- Cyan (58%)
- Magenta (0%)
- Yellow (33%)
- Black (19%)



- Cyan (66%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57CF8B 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 57CF8B by changing the saturation by 10% instead.

 57CF8B

 57CF8B

FFFFFF

 37B371

 92FFC1

 049858

 AFFFDD

 007D41

 CDFFFA

 00632A

 EAFFFF

 004A13

 003300

 001B00

 000000

 57CF8B

 57CF8B

 42CF7F

 6CCF97

 2ECF74

 80CFA2

 19CF68

 95CFAE

 04CF5C

 AACFBA

 00CF5A

 BFCFC6

 D3CFD1

 E8CFDD

 FDCFE9

 FFCFF5

Harmonies

Analogous

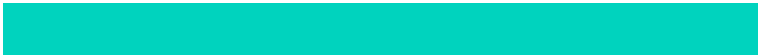
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CC662



57CF8B



00D3BE

Triad

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



57CF8B



6CBCFF



FF9583

Complementary

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



57CF8B



CF579B

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.



FF8EB4



57CF8B



C5A9FF

Square

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



57CF8B



00CAFF



FD97E6



FAA65F

Rectangle

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



57CF8B



00D2E0



FD97E6



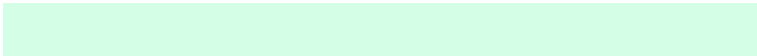
FF9193

Sweetspot

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



57CF8B



D4FFE6



9BCF57



668071



000000



808080

Same Dimension

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



57CF8B



4DFF9A



57CFC7



5E6963



00A849



002912

Inverse Universe

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



CF579B



FF4DB2



CF575F



695E64



A8005F



290017

Previews

White Background



This preview shows how the Hex color 57CF8B looks on a white background.

Color Contrast Check

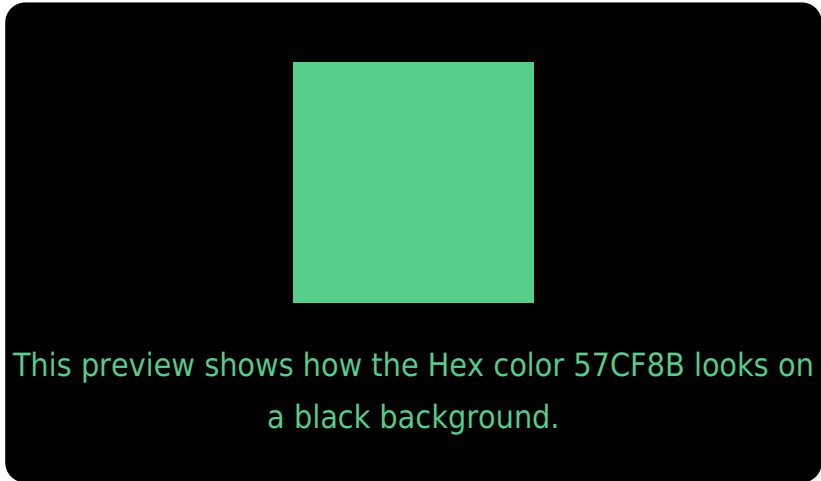
Large Text (above 18pt) WCAG AA × Fail

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

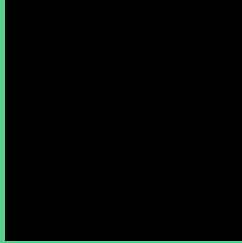
Any Text WCAG AA ✓ Pass

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 57CF8B Background



This preview shows how black text looks on a background with the Hex color 57CF8B.

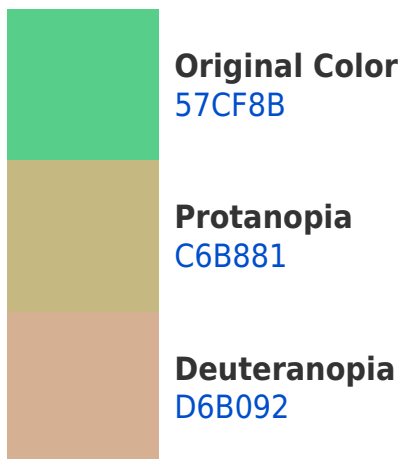


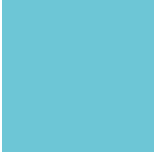
This preview shows how white text looks on a background with the Hex color 57CF8B.

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](#).

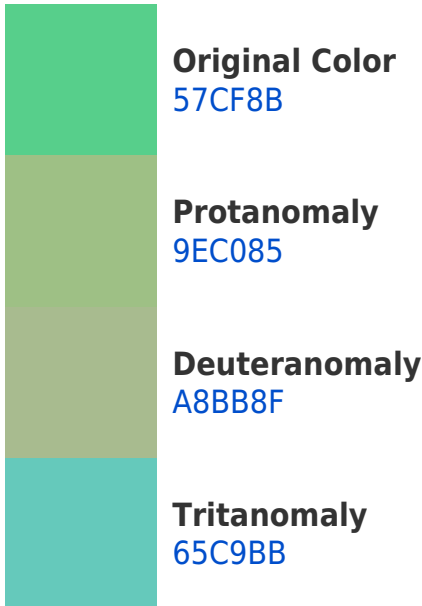
Dichromacy



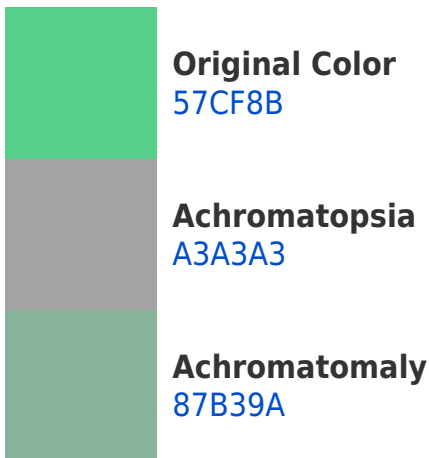


Tritanopia
6DC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57CF8B 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 #57CF8B looks like.

```
.text, #text, p{  
    color:#57CF8B  
}
```

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 #57CF8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57CF8B
}
```

Border

The CSS property to change the border of an element to Hex 57CF8B 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
#57CF8B }
```

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

```
.border{ border-color:#57CF8B }
```

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

Here you see how a box with a 4 pixel #57CF8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57CF8B; -webkit-box-shadow:4px 4px  
4px 4px #57CF8B; box-shadow:4px 4px 4px  
4px #57CF8B }
```

Background

The CSS property to change the background color of an element to Hex 57CF8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57CF8B }
```

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

```
.background{ background-color:#57CF8B }
```

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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