

# Converting Colors

Hex(57C185)

Have a look what the booklet for  
Hex(57C185) contains.

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**Color**

**Hex(57C185)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57C185
RGB	87, 193, 133
RGB Percent	34%, 76%, 52%
CMY	0.6588, 0.2431, 0.4784
CMYK	0.55, 0.00, 0.31, 0.24
HSL	146°, 46%, 55%
HSV	146°, 55%, 76%
XYZ	27.2341, 41.8596, 28.8346
YIQ	154.4660, -43.9160, -41.1320

# Conversions

## Conversions Part 2

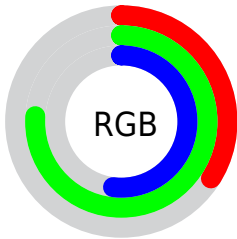
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 161, 193
Decimal	5751173
CIELab	70.77, -44.39, 21.18
CIElCh	71, 49.187, 154.499
Yxy	41.8596, 0.2781, 0.4275
Android (android.graphics.Color)	4283941253 (0xFF57C185)
YUV	154.4660, -10.5827, -59.1677
Hunter-Lab	64.6990, -38.0864, 18.8653

# Details

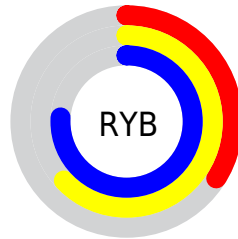
The Hex color **57C185** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C15793**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **90FABA**, and **128B53** is the 20% darker color. If you saturate the color by 10%, you get **44C17A**, and if you desaturate by 10%, it is **6AC190**.

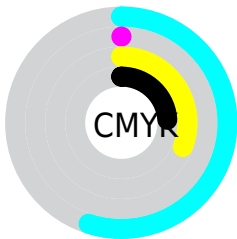
# Distribution



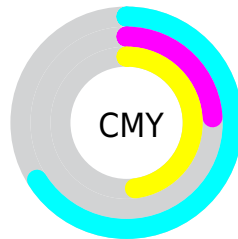
- Red (34%)
- Green (76%)
- Blue (52%)



- Red (34%)
- Yellow (63%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57C185 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 57C185 by changing the saturation by 10% instead.



 57C185

 57C185

FFFFFF

 39A56C

 90FABA

 128B53

 ADFFD6

 00703B

 CAFFF3

 005725

 E7FFFF

 003F0F

 002900

 000500

 000000

 57C185

 57C185

 44C17A

 6AC190

 30C16F

 7EC19B

 1DC164

 91C1A6

 0AC159

 A4C1B1

 00C154

 B8C1BC

 CBC1C7

 DEC1D1

 F1C1DC

 FFC1E7

# Harmonies

## Analogous

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



93B961



57C185



00C4B3

# Triad

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



57C185



6DB0FF



FE8E7D

# Complementary

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



57C185



C15793

# 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.



FF88A8



57C185



BA9FF7

# Square

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



57C185



00BCFD



EA8FD5



E79D5D

# Rectangle

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



57C185



00C4D1



EA8FD5



FF8B8A

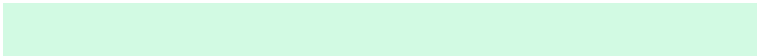


# Sweetspot

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



57C185



D2FAE3



93C157



657D70



FCFCFC



7D7D7D



# Same Dimension

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



57C185



55FA9D



57C1BA



57615B



00A146



00210E



# Inverse Universe

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



C15793



FA55B2



C1575E



61575D



A1005B



210013



# Previews

## White Background



This preview shows how the Hex color 57C185 looks on a white background.

## Color Contrast Check

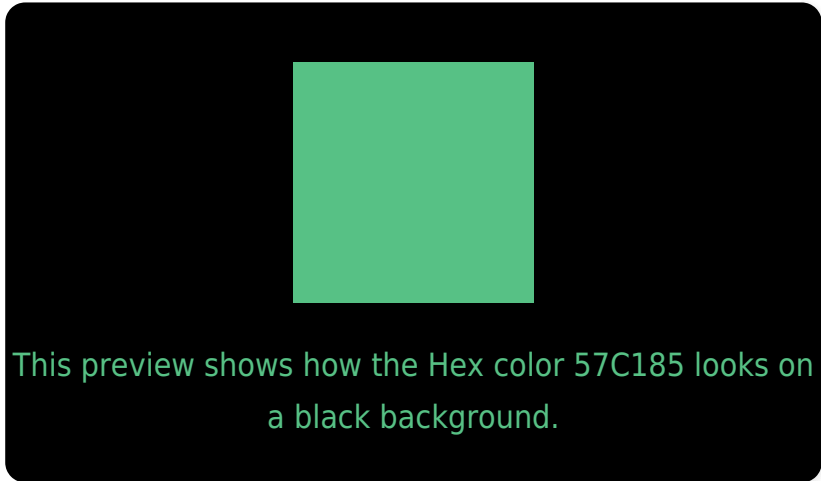
Large Text (above 18pt) WCAG AA × Fail

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

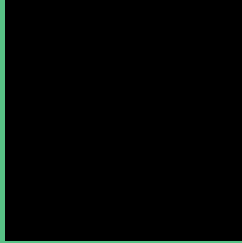
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 57C185 Background



This preview shows how black text looks on a background with the Hex color 57C185.

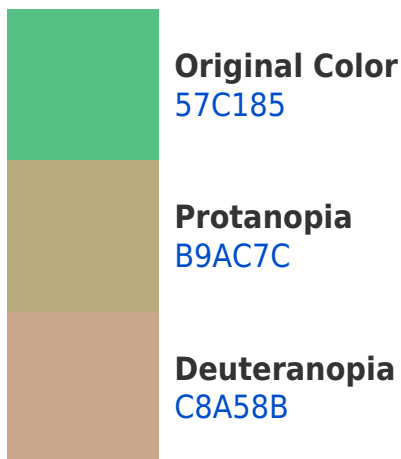


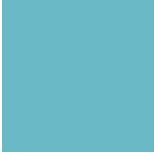
This preview shows how white text looks on a background with the Hex color 57C185.

# 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](#).

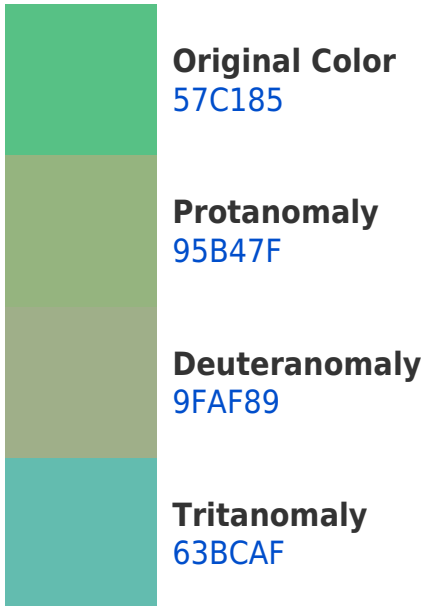
## Dichromacy



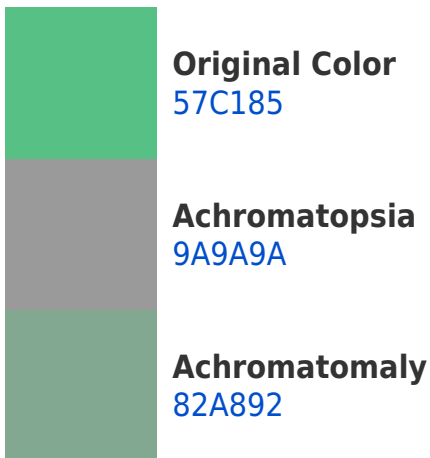


**Tritanopia**  
6AB9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57C185 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 #57C185 looks like.

```
.text, #text, p{  
    color:#57C185  
}
```

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 #57C185 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C185
}
```

## Border

The CSS property to change the border of an element to Hex 57C185 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
#57C185 }
```

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

```
.border{ border-color:#57C185 }
```

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

Here you see how a box with a 4 pixel #57C185 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C185; -webkit-box-shadow:4px 4px  
4px 4px #57C185; box-shadow:4px 4px 4px  
4px #57C185 }
```

# Background

The CSS property to change the background color of an element to Hex 57C185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C185 }
```

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

```
.background{ background-color:#57C185 }
```

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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