

# Converting Colors

Hex(57C181)

Have a look what the booklet for  
Hex(57C181) contains.

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**Color**

**Hex(57C181)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57C181
RGB	87, 193, 129
RGB Percent	34%, 76%, 51%
CMY	0.6588, 0.2431, 0.4941
CMYK	0.55, 0.00, 0.33, 0.24
HSL	144°, 46%, 55%
HSV	144°, 55%, 76%
XYZ	26.9629, 41.7511, 27.4066
YIQ	154.0100, -42.6320, -42.3760

# Conversions

## Conversions Part 2

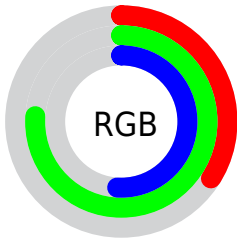
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 163, 193
Decimal	5751169
CIELab	70.70, -45.17, 23.20
CIELCh	71, 50.780, 152.811
Yxy	41.7511, 0.2805, 0.4344
Android (android.graphics.Color)	4283941249 (0xFF57C181)
YUV	154.0100, -12.3299, -58.7678
Hunter-Lab	64.6151, -38.5912, 20.0827

# Details

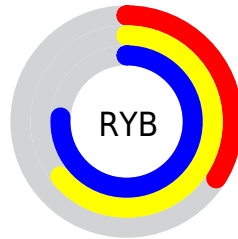
The Hex color **57C181** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C15797**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **90FAB6**, and **128A4F** is the 20% darker color. If you saturate the color by 10%, you get **44C175**, and if you desaturate by 10%, it is **6AC18D**.

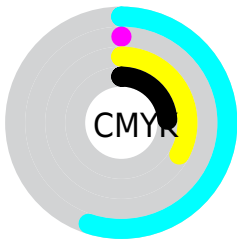
# Distribution



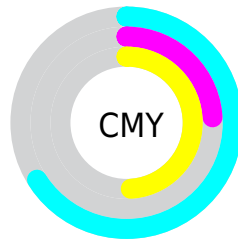
- Red (34%)
- Green (76%)
- Blue (51%)



- Red (34%)
- Yellow (64%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (33%)
- Black (24%)



- Cyan (66%)
- Magenta (24%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57C181 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 57C181 by changing the saturation by 10% instead.



 57C181

 57C181

FFFFFF

 39A568

 90FAB6

 128A4F

 ADFFD2

 007038

 CAFFEE

 005721

 E7FFFF

 003F0B

 002900

 000500

 000000

 57C181

 57C181


 44C175

 6AC18D

 30C16A

 7EC198

 1DC15E

 91C1A4

 0AC152

 A4C1B0

 00C14C

 B8C1BB

 CBC1C7

 DEC1D3

 F1C1DE

 FFC1EA

# Harmonies

## Analogous

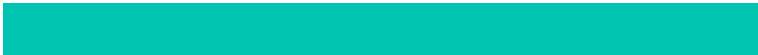
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94B95C



57C181



00C4B0

# Triad

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



57C181



63B0FF



FF8C7D

# Complementary

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



57C181



C15797

# 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.



FF86AA



57C181



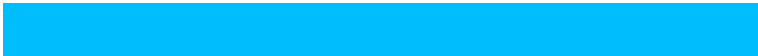
B69FFB

# Square

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



57C181



00BDFE



EA8ED8



EA9B5B

# Rectangle

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



57C181



00C4CF



EA8ED8



FF888C

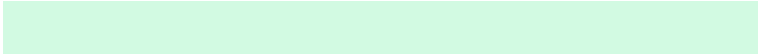


# Sweetspot

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



57C181



D2FAE2



98C157



657D6F



FCFCFC



7D7D7D



# Same Dimension

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



57C181



55FA96



57C1B5



57615B



00A140



00210D



# Inverse Universe

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



C15797



FA55B9



C15763



61575D



A10061



210014



# Previews

## White Background



This preview shows how the Hex color 57C181 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 57C181 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 57C181 Background



This preview shows how black text looks on a background with the Hex color 57C181.

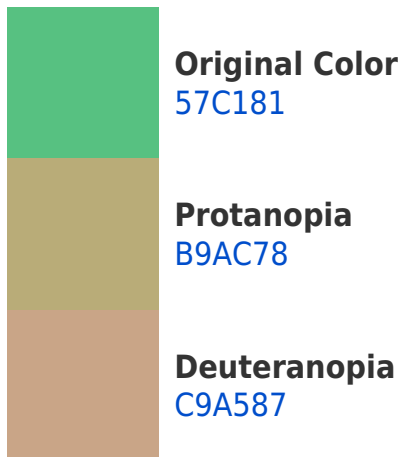


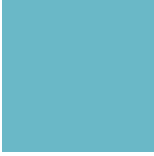
This preview shows how white text looks on a background with the Hex color 57C181.

# 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**  
6AB8C7

# Trichromacy



**Original Color**  
57C181



**Protanomaly**  
95B47B



**Deuteranomaly**  
A0AF85

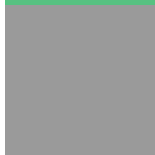


**Tritanomaly**  
63BBAE

# Monochromacy



**Original Color**  
57C181



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
82A891

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57C181 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 #57C181 looks like.

```
.text, #text, p{  
    color:#57C181  
}
```

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 #57C181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C181
}
```

## Border

The CSS property to change the border of an element to Hex 57C181 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
#57C181 }
```

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

```
.border{ border-color:#57C181 }
```

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

Here you see how a box with a 4 pixel #57C181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C181; -webkit-box-shadow:4px 4px  
4px 4px #57C181; box-shadow:4px 4px 4px  
4px #57C181 }
```

# Background

The CSS property to change the background color of an element to Hex 57C181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C181 }
```

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

```
.background{ background-color:#57C181 }
```

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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