

# Converting Colors

Hex(58C270)

Have a look what the booklet for  
Hex(58C270) contains.

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**Color**

**Hex(58C270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58C270
RGB	88, 194, 112
RGB Percent	35%, 76%, 44%
CMY	0.6549, 0.2392, 0.5608
CMYK	0.55, 0.00, 0.42, 0.24
HSL	134°, 46%, 55%
HSV	134°, 55%, 76%
XYZ	26.2409, 41.8281, 22.0198
YIQ	152.9580, -36.8540, -47.9740

# Conversions

## Conversions Part 2

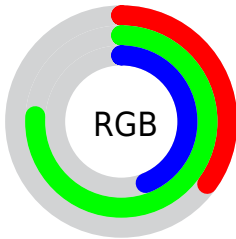
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 174, 194
Decimal	5816944
CIELab	70.75, -48.36, 32.18
CIElCh	71, 58.085, 146.359
Yxy	41.8281, 0.2913, 0.4643
Android (android.graphics.Color)	4284007024 (0xFF58C270)
YUV	152.9580, -20.1923, -56.9682
Hunter-Lab	64.6747, -40.7566, 25.0858

# Details

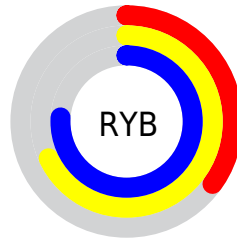
The Hex color **58C270** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **C258AA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **91FBA5**, and **138B3E** is the 20% darker color. If you saturate the color by 10%, you get **45C261**, and if you desaturate by 10%, it is **6BC27F**.

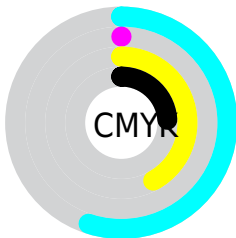
# Distribution



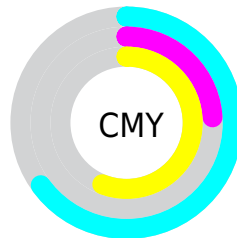
- Red (35%)
- Green (76%)
- Blue (44%)



- Red (35%)
- Yellow (68%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (65%)
- Magenta (24%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58C270 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 58C270 by changing the saturation by 10% instead.



 58C270

 58C270

FFFFFF

 3AA657

 91FBA5

 138B3E

 AEFFC0

 007127

 CBFFDC

 00580E

 E9FFF9

 003F00

 002A00

 000500

 000000

 58C270

 58C270

 45C261

 6BC27F

 31C252

 7FC28E

 1EC243

 92C29D

 0AC234

 A6C2AC

 00C22C

 B9C2BB

 CCC2CA

 E0C2D9

 F3C2E8

 FFC2F7

# Harmonies

## Analogous

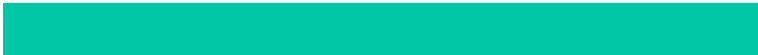
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CB849



58C270



00C7A5

# Triad

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



58C270



03B5FF



FF8381

# Complementary

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



58C270



C258AA

# 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.



FF7FB6



58C270



A5A2FF

# Square

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



58C270



00C1FF



E88CE8



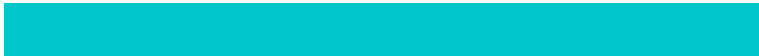
F89456

# Rectangle

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



58C270



00C7C9



E88CE8



FF7F92

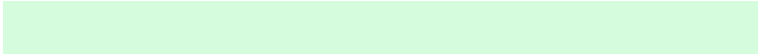


# Sweetspot

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



58C270



D4FCDD



ABC258



67806D



000000



808080



# Same Dimension

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



58C270



56FC7C



58C2A4



576159



00A124



002108



# Inverse Universe

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



C258AA



FC56D7



C25876



61575F



A1007C



21001A



# Previews

## White Background



This preview shows how the Hex color 58C270 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 58C270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

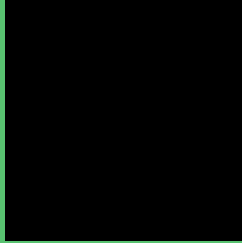
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 58C270 Background



This preview shows how black text looks on a background with the Hex color 58C270.

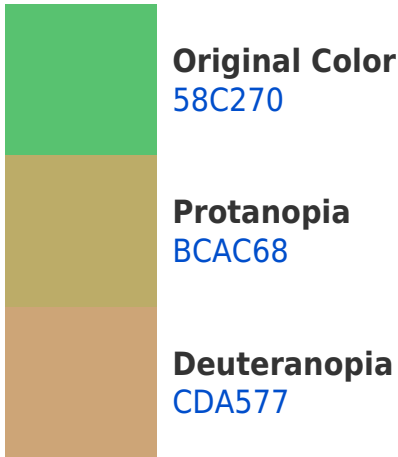


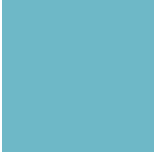
This preview shows how white text looks on a background with the Hex color 58C270.

# 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**  
6EB8C7

# Trichromacy



**Original Color**  
58C270



**Protanomaly**  
98B46B



**Deuteranomaly**  
A2B074



**Tritanomaly**  
66BCA7

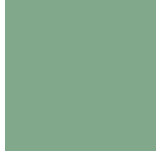
# Monochromacy



**Original Color**  
58C270



**Achromatopsia**  
999999



**Achromatomaly**  
81A88A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58C270 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 #58C270 looks like.

```
.text, #text, p{  
    color:#58C270  
}
```

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 #58C270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58C270
}
```

## Border

The CSS property to change the border of an element to Hex 58C270 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
#58C270 }
```

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

```
.border{ border-color:#58C270 }
```

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

Here you see how a box with a 4 pixel #58C270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58C270; -webkit-box-shadow:4px 4px  
4px 4px #58C270; box-shadow:4px 4px 4px  
4px #58C270 }
```

# Background

The CSS property to change the background color of an element to Hex 58C270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58C270 }
```

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

```
.background{ background-color:#58C270 }
```

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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