

Converting Colors

Hex(57C874)

Have a look what the booklet for
Hex(57C874) contains.

Hex(57C874)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(57C874)

Conversions

Conversions Part 1

Format	Color
Hex	57C874
RGB	87, 200, 116
RGB Percent	34%, 78%, 45%
CMY	0.6588, 0.2157, 0.5451
CMYK	0.56, 0.00, 0.42, 0.22
HSL	135°, 51%, 56%
HSV	135°, 56%, 78%
XYZ	27.7371, 44.5957, 23.6689
YIQ	156.6370, -40.3840, -50.0800

Conversions

Conversions Part 2

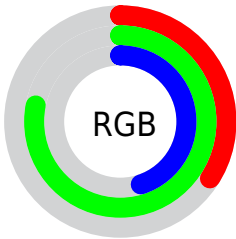
Format	Color
RYB	87, 177, 200
Decimal	5752948
CIELab	72.62, -50.36, 32.55
CIELCh	73, 59.958, 147.124
Yxy	44.5957, 0.2889, 0.4645
Android (android.graphics.Color)	4283943028 (0xFF57C874)
YUV	156.6370, -20.0340, -61.0716
Hunter-Lab	66.7800, -42.7250, 25.7318

Details

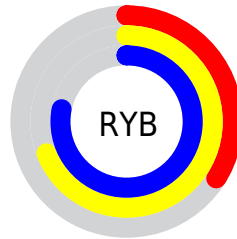
The Hex color **57C874** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **C857AB**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **91FFA9**, and **0B9142** is the 20% darker color. If you saturate the color by 10%, you get **43C865**, and if you desaturate by 10%, it is **6BC883**.

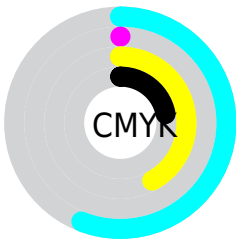
Distribution



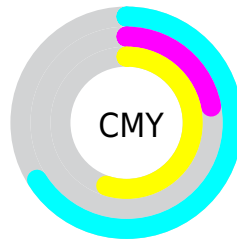
- Red (34%)
- Green (78%)
- Blue (45%)



- Red (34%)
- Yellow (69%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (42%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57C874 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 57C874 by changing the saturation by 10% instead.

 57C874

 57C874

FFFFFF

 38AC5B

 91FFA9

 0B9142

 AEFFC4

 00772A

 CBFFE1

 005D12

 E9FFFE

 004400

 002E00

 001100

 000000

 57C874

 57C874

 43C865

 6BC883

 2FC856

 7FC892

 1BC847

 93C8A1

 07C839

 A7C8AF

 00C833

 BBC8BE

 CFC8CD

 E3C8DC

 F7C8EB

 FFC8FA

Harmonies

Analogous

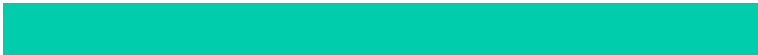
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FBE4A



57C874



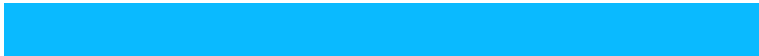
00CDAB

Triad

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



57C874



0ABAFF



FF8683

Complementary

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



57C874



C857AB

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.



FF82BA



57C874



ABA6FF

Square

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



57C874



00C7FF



F090EF



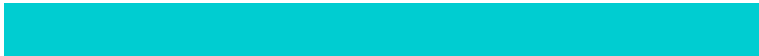
FF9956

Rectangle

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



57C874



00CDD1



F090EF



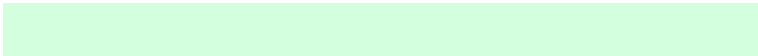
FF8395

Sweetspot

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



57C874



D4FFDF



ACC857



66806D



000000



808080

Same Dimension

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



57C874



52FF7E



57C8AC



5A635C



00A32A



002409

Inverse Universe

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



C857AB



FF52D2



C85773



635A61



A30079



24001B

Previews

White Background



This preview shows how the Hex color 57C874 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 57C874 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 57C874 Background



This preview shows how black text looks on a background with the Hex color 57C874.

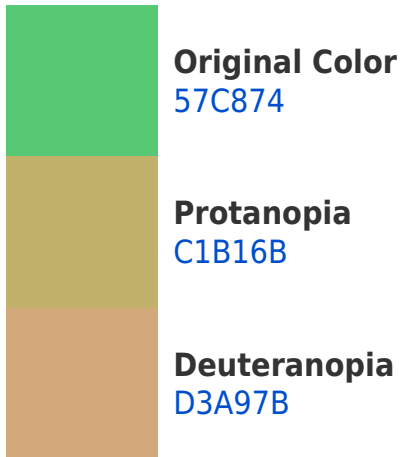


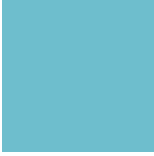
This preview shows how white text looks on a background with the Hex color 57C874.

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](#).

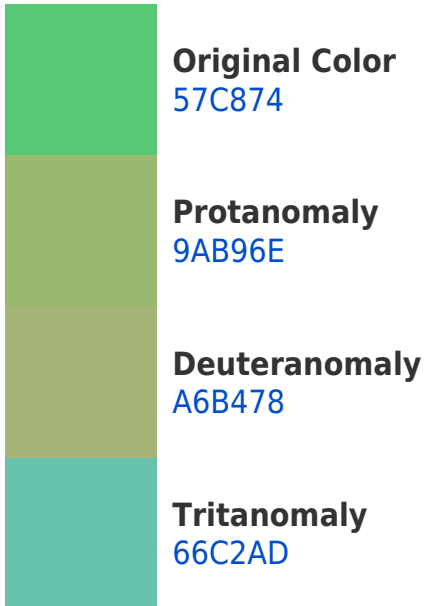
Dichromacy



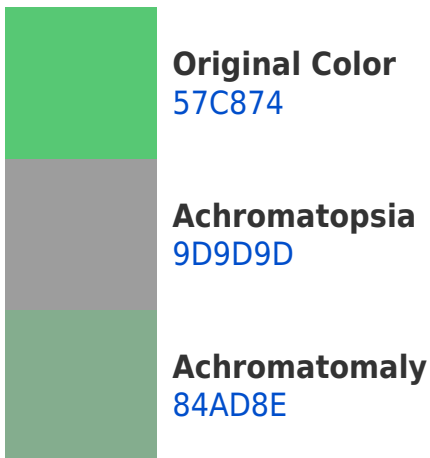


Tritanopia
6EBECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57C874 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 #57C874 looks like.

```
.text, #text, p{  
    color:#57C874  
}
```

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 #57C874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C874
}
```

Border

The CSS property to change the border of an element to Hex 57C874 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
#57C874 }
```

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

```
.border{ border-color:#57C874 }
```

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

Here you see how a box with a 4 pixel #57C874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C874; -webkit-box-shadow:4px 4px  
4px 4px #57C874; box-shadow:4px 4px 4px  
4px #57C874 }
```

Background

The CSS property to change the background color of an element to Hex 57C874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C874 }
```

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

```
.background{ background-color:#57C874 }
```

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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