

Converting Colors

Hex(57B373)

Have a look what the booklet for
Hex(57B373) contains.

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Color

Hex(57B373)

Conversions

Conversions Part 1

Format	Color
Hex	57B373
RGB	87, 179, 115
RGB Percent	34%, 70%, 45%
CMY	0.6588, 0.2980, 0.5490
CMYK	0.51, 0.00, 0.36, 0.30
HSL	138°, 38%, 52%
HSV	138°, 51%, 70%
XYZ	23.1451, 35.5042, 21.8528
YIQ	144.1960, -34.2880, -39.4080

Conversions

Conversions Part 2

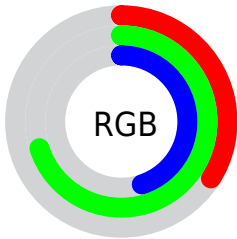
Format	Color
RYB	87, 158, 179
Decimal	5747571
CIELab	66.14, -41.82, 24.52
CIELCh	66, 48.477, 149.612
Yxy	35.5042, 0.2875, 0.4410
Android (android.graphics.Color)	4283937651 (0xFF57B373)
YUV	144.1960, -14.3936, -50.1609
Hunter-Lab	59.5854, -34.9388, 19.9654

Details

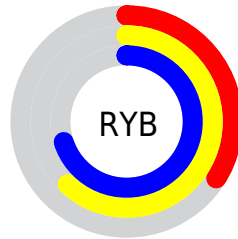
The Hex color **57B373** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B35797**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8FEBA7**, and **197D42** is the 20% darker color. If you saturate the color by 10%, you get **45B367**, and if you desaturate by 10%, it is **69B37F**.

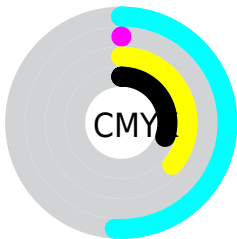
Distribution



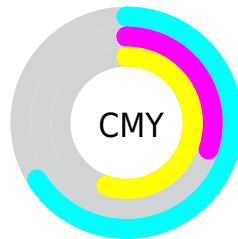
- Red (34%)
- Green (70%)
- Blue (45%)



- Red (34%)
- Yellow (62%)
- Blue (70%)



- Cyan (51%)
- Magenta (0%)
- Yellow (36%)
- Black (30%)



- Cyan (66%)
- Magenta (30%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57B373 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 57B373 by changing the saturation by 10% instead.

 57B373

 57B373

FFFFFF

 3B985A

 8FEBA7

 197D42

 ABFFC3

 00642B

 C7FFDF

 004B15

 E4FFFC

 003300

 001E00

 000000

 57B373

 57B373

 45B367

 69B37F

 33B35A

 7BB38C

 21B34E

 8DB398

 0FB341

 9FB3A5

 00B336

 B1B3B1

 C2B3BE

 D4B3CA

 E6B3D7

 F8B3E3

Harmonies

Analogous

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



8FAB52



57B373



00B79F

Triad

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



57B373



4FA5F8



F18078

Complementary

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



57B373



B35797

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.



EF7CA3



57B373



A396ED

Square

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



57B373



00B1EB



D685CD



DD8E56

Rectangle

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



57B373



00B7BD



D685CD



F37D86

Sweetspot

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



57B373



C5E8D0



97B357



607567



F5F5F5



757575

Same Dimension

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



57B373



58E884



57B3A1



505953



00992F



001A08

Inverse Universe

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



B35797



E858BC



B35769



595057



99006A



1A0012

Previews

White Background



This preview shows how the Hex color 57B373 looks on a white background.

Color Contrast Check

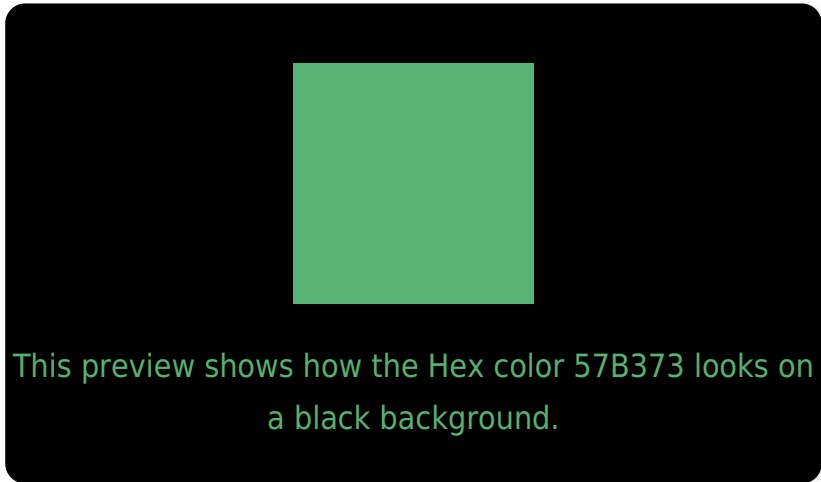
Large Text (above 18pt) WCAG AA × Fail

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 57B373 Background



This preview shows how black text looks on a background with the Hex color 57B373.

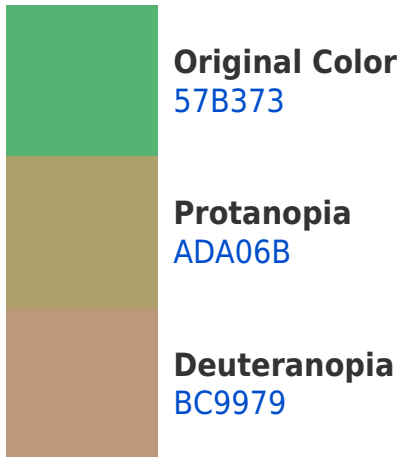


This preview shows how white text looks on a background with the Hex color 57B373.

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
68ABB8

Trichromacy



Original Color
57B373



Protanomaly
8EA76E



Deuteranomaly
97A277



Tritanomaly
62AE9F

Monochromacy



Original Color
57B373



Achromatopsia
909090



Achromatomaly
7B9D85

CSS Examples

Text

The CSS property to change the color of the text to Hex 57B373 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 #57B373 looks like.

```
.text, #text, p{  
    color:#57B373  
}
```

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 #57B373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B373
}
```

Border

The CSS property to change the border of an element to Hex 57B373 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
#57B373 }
```

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

```
.border{ border-color:#57B373 }
```

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

Here you see how a box with a 4 pixel #57B373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B373; -webkit-box-shadow:4px 4px  
4px 4px #57B373; box-shadow:4px 4px 4px  
4px #57B373 }
```

Background

The CSS property to change the background color of an element to Hex 57B373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B373 }
```

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

```
.background{ background-color:#57B373 }
```

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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