

Converting Colors

Hex(557C57)

Have a look what the booklet for
Hex(557C57) contains.

Hex(557C57)	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(557C57)

Conversions

Conversions Part 1

Format	Color
Hex	557C57
RGB	85, 124, 87
RGB Percent	33%, 49%, 34%
CMY	0.6667, 0.5137, 0.6588
CMYK	0.31, 0.00, 0.30, 0.51
HSL	123°, 19%, 41%
HSV	123°, 31%, 49%
XYZ	12.6743, 17.0347, 11.6368
YIQ	108.1210, -11.3670, -19.7750

Conversions

Conversions Part 2

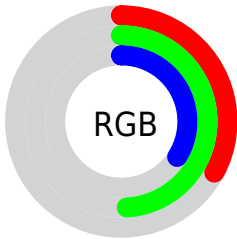
Format	Color
R_{YB}	85, 122, 124
Decimal	5602391
CIE _{Lab}	48.30, -21.73, 15.96
CIE _{LCh}	48, 26.956, 143.705
Yxy	17.0347, 0.3065, 0.4120
Android (android.graphics.Color)	4283792471 (0xFF557C57)
YUV	108.1210, -10.4127, -20.2771
Hunter-Lab	41.2731, -17.4137, 12.1745

Details

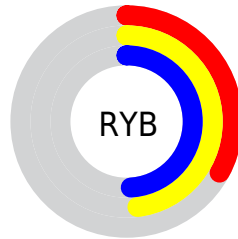
The Hex color **557C57** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C557A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **88B189**, and **254B29** is the 20% darker color. If you saturate the color by 10%, you get **497C4B**, and if you desaturate by 10%, it is **617C63**.

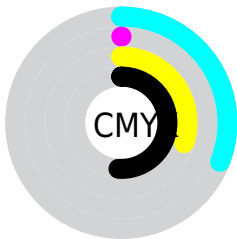
Distribution



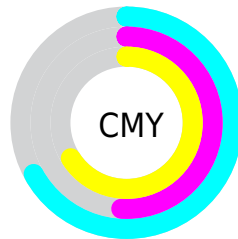
- Red (33%)
- Green (49%)
- Blue (34%)



- Red (33%)
- Yellow (48%)
- Blue (49%)



- Cyan (31%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557C57 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 557C57 by changing the saturation by 10% instead.

 557C57

 557C57

FFFFFF

 3D6340

 88B189

 254B29

 A2CCA3

 0E3414

 BEE9BF

 001F00

 DAFFDA


 000000

 F7FFF7

 557C57

 557C57

 497C4B

 617C63

 3C7C3F

 6E7C6F

 307C34

 7A7C7A

 237C28

 877C86

 177C1C

 937C92

 0B7C10

 9F7C9E

 007C06

 AC7CA9

 B87CB5

 C57CC1

Harmonies

Analogous

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



6F7748



557C57



387F6D

Triad

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



557C57



4A76A0



9F6262

Complementary

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



557C57



7C557A

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.



9B6278



557C57



6F6F9C

Square

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



557C57



267C97



8B678E



97684F

Rectangle

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



557C57



257F7D



8B678E



9F6169

Sweetspot

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



557C57



92A193



7A7C55



495249



D1D1D1



525252

Same Dimension

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



557C57



64A167



557C6A



373D37



007D06



00FC0D

Inverse Universe

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



7C557A



A1649E



7C5567



3D373D



7D0077



FC00F0

Previews

White Background



This preview shows how the Hex color 557C57 looks on a white background.

Color Contrast Check

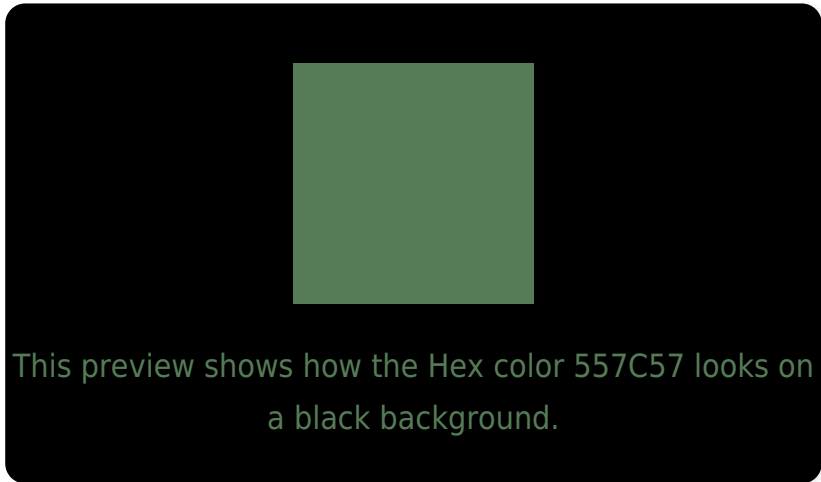
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

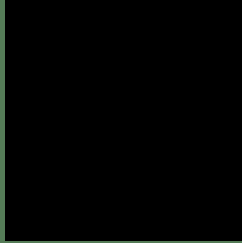
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 557C57 Background



This preview shows how black text looks on a background with the Hex color 557C57.



This preview shows how white text looks on a background with the Hex color 557C57.

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



Original Color
557C57

Protanopia
7B7253

Deuteranopia
856E5A



Tritanopia
5D7780

Trichromacy



Original Color
557C57

Protanomaly
6D7654

Deuteranomaly
747359

Tritanomaly
5A7971

Monochromacy



Original Color
557C57

Achromatopsia
6C6C6C

Achromatomaly
647264

CSS Examples

Text

The CSS property to change the color of the text to Hex 557C57 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 #557C57 looks like.

```
.text, #text, p{  
    color:#557C57  
}
```

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 #557C57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557C57
}
```

Border

The CSS property to change the border of an element to Hex 557C57 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
#557C57 }
```

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

```
.border{ border-color:#557C57 }
```

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

Here you see how a box with a 4 pixel #557C57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557C57; -webkit-box-shadow:4px 4px  
4px 4px #557C57; box-shadow:4px 4px 4px  
4px #557C57 }
```

Background

The CSS property to change the background color of an element to Hex 557C57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557C57 }
```

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

```
.background{ background-color:#557C57 }
```

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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