

Converting Colors

Hex(57A45B)

Have a look what the booklet for
Hex(57A45B) contains.

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Color

Hex(57A45B)

Conversions

Conversions Part 1

Format	Color
Hex	57A45B
RGB	87, 164, 91
RGB Percent	34%, 64%, 36%
CMY	0.6588, 0.3569, 0.6431
CMYK	0.47, 0.00, 0.45, 0.36
HSL	123°, 31%, 49%
HSV	123°, 47%, 64%
XYZ	19.0943, 29.3325, 14.5529
YIQ	132.6550, -22.4590, -39.0270

Conversions

Conversions Part 2

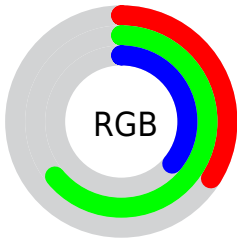
Format	Color
RYB	87, 160, 164
Decimal	5743707
CIELab	61.07, -39.38, 30.63
CIELCh	61, 49.888, 142.124
Yxy	29.3325, 0.3032, 0.4657
Android (android.graphics.Color)	4283933787 (0xFF57A45B)
YUV	132.6550, -20.5359, -40.0394
Hunter-Lab	54.1595, -31.8478, 21.9801

Details

The Hex color **57A45B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A457A0**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8DDC8E**, and **1E6F2B** is the 20% darker color. If you saturate the color by 10%, you get **47A44B**, and if you desaturate by 10%, it is **67A46B**.

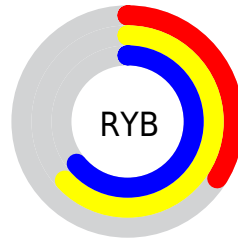
Distribution



Red (34%)

Green (64%)

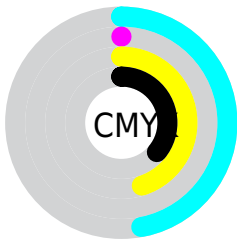
Blue (36%)



Red (34%)

Yellow (63%)

Blue (64%)

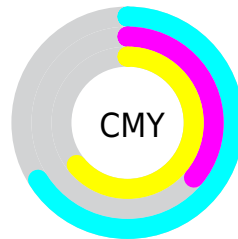


Cyan (47%)

Magenta (0%)

Yellow (45%)

Black (36%)



Cyan (66%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57A45B 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 57A45B by changing the saturation by 10% instead.

 57A45B

 57A45B

FFFFFF

 3C8943

 8DDC8E

 1E6F2B

 A9F8A9

 005614

 C5FFC4

 003E00

 E2FFE1

 002900

FFFFFFD

 000700

 000000

 57A45B

 57A45B

 47A44B

 67A46B

 36A43C

 78A47A

 26A42C

 88A48A

 15A41D

 99A499

 05A40D

 A9A4A9

 00A409

 B9A4B8

 CAA4C8

 DAA4D7

 EBA4E7

Harmonies

Analogous

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



8C9B3D



57A45B



00A986

Triad

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



57A45B



009CEA



E56F75

Complementary

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



57A45B



A457A0

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.



DE6EA1



57A45B



828CE5

Square

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



57A45B



00A5D8



BE7BCA



D67C4F

Rectangle

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



57A45B



00A9A4



BE7BCA



E56D83

Sweetspot

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



57A45B



B8D6BA



A0A457



596B5A



EBEBEB



6B6B6B

Same Dimension

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



57A45B



5ED664



57A481



49524A



009108



001201

Inverse Universe

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



A457A0



D65ED0



A4577A



524951



91008A



120011

Previews

White Background



This preview shows how the Hex color 57A45B looks on a white background.

Color Contrast Check

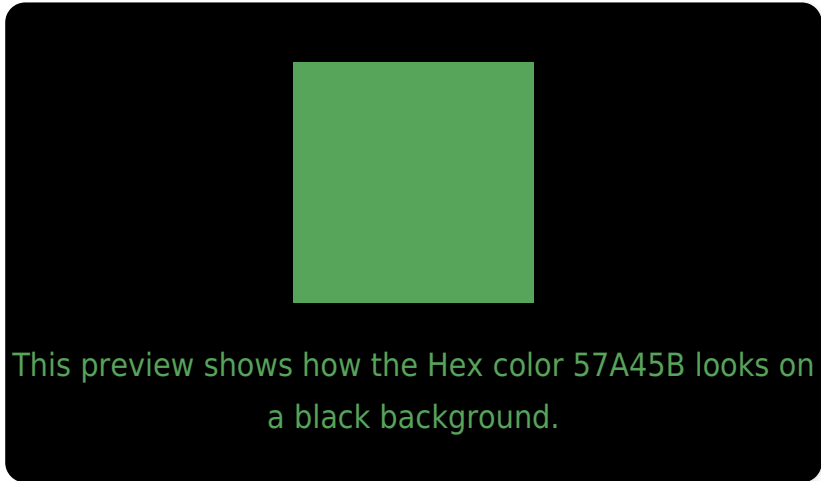
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 57A45B Background



This preview shows how black text looks on a background with the Hex color 57A45B.

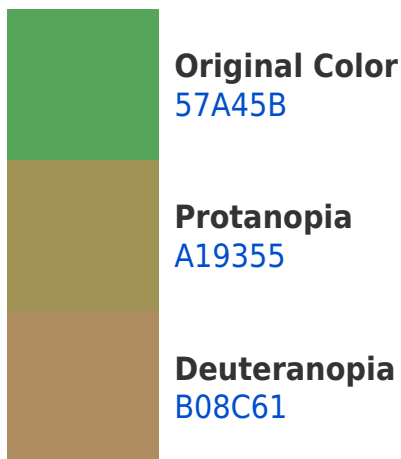



This preview shows how white text looks on a background with the Hex color 57A45B.

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](#).

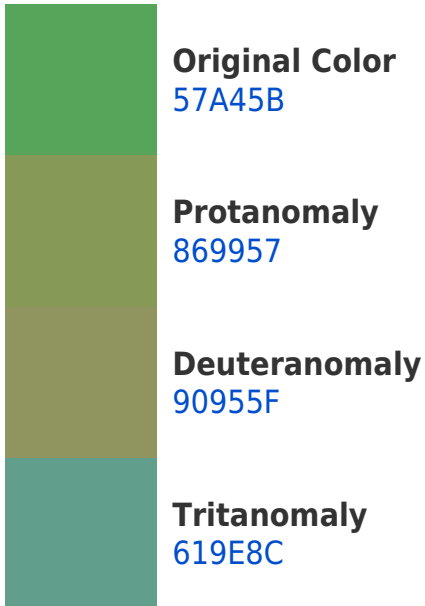
Dichromacy



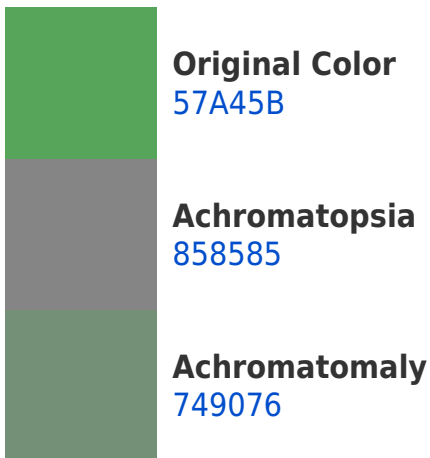


Tritanopia
679BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57A45B 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 #57A45B looks like.

```
.text, #text, p{  
    color:#57A45B  
}
```

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 #57A45B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57A45B
}
```

Border

The CSS property to change the border of an element to Hex 57A45B 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
#57A45B }
```

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

```
.border{ border-color:#57A45B }
```

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

Here you see how a box with a 4 pixel #57A45B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57A45B; -webkit-box-shadow:4px 4px  
4px 4px #57A45B; box-shadow:4px 4px 4px  
4px #57A45B }
```

Background

The CSS property to change the background color of an element to Hex 57A45B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57A45B }
```

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

```
.background{ background-color:#57A45B }
```

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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