

Converting Colors

Hex(5A8545)

Have a look what the booklet for
Hex(5A8545) contains.

Hex(5A8545)	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(5A8545)

Conversions

Conversions Part 1

Format	Color
Hex	5A8545
RGB	90, 133, 69
RGB Percent	35%, 52%, 27%
CMY	0.6471, 0.4784, 0.7294
CMYK	0.32, 0.00, 0.48, 0.48
HSL	100°, 32%, 40%
HSV	100°, 48%, 52%
XYZ	13.6782, 19.3784, 8.6497
YIQ	112.8470, -5.0840, -29.0200

Conversions

Conversions Part 2

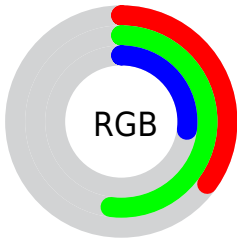
Format	Color
RYB	69, 133, 112
Decimal	5932357
CIELab	51.13, -27.32, 29.76
CIElCh	51, 40.400, 132.553
Yxy	19.3784, 0.3280, 0.4646
Android (android.graphics.Color)	4284122437 (0xFF5A8545)
YUV	112.8470, -21.6166, -20.0368
Hunter-Lab	44.0209, -21.5731, 19.1647

Details

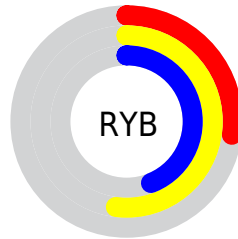
The Hex color **5A8545** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **704585**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8EBA77**, and **285316** is the 20% darker color. If you saturate the color by 10%, you get **518538**, and if you desaturate by 10%, it is **638552**.

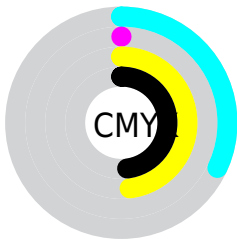
Distribution



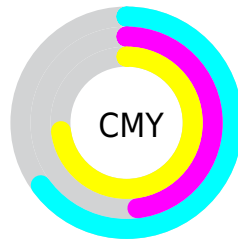
- Red (35%)
- Green (52%)
- Blue (27%)



- Red (27%)
- Yellow (52%)
- Blue (44%)



- Cyan (32%)
- Magenta (0%)
- Yellow (48%)
- Black (48%)



- Cyan (65%)
- Magenta (48%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Hex color 5A8545 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 5A8545 by changing the saturation by 10% instead.

 5A8545

 5A8545

FFFFFF

 416C2E

 8EBA77

 285316

 A9D691

 0F3C00

 C5F3AB

 002600

 E1FFC7

 000800

 FEFFE3

 000000

 5A8545

 5A8545

 518538

 638552

 48852A

 6C8560

 3F851D

 75856D

 368510

 7E857A

 2D8502

 878587

 2C8500

 908595

 9985A2

 A185AF

 AA85BD

Harmonies

Analogous

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



807C34



5A8545



218A64

Triad

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



5A8545



0083BB



BB5D6D

Complementary

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



5A8545



704585

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.



AF5F8F



5A8545



5A78BD

Square

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



5A8545



0089A8



8F6BAD



B4644D

Rectangle

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



5A8545



008B7C



8F6BAD



B95C78

Sweetspot

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



5A8545



9DAD95



857045



4D5748



D6D6D6



575757

Same Dimension

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



5A8545



6AAD49



458550



3E423C



2B8200



010300

Inverse Universe

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



704585



8C49AD



85457A



403C42



570082



020003

Previews

White Background



This preview shows how the Hex color 5A8545 looks on a white background.

Color Contrast Check

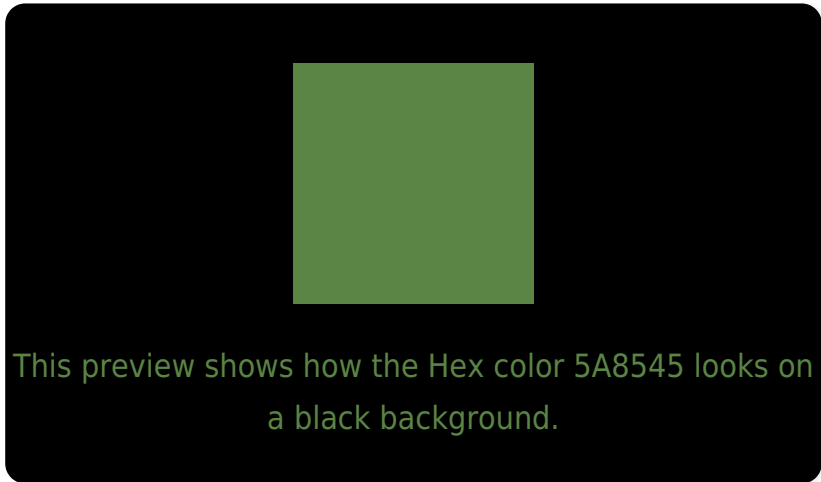
Large Text (above 18pt) WCAG AA ✓ Pass

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

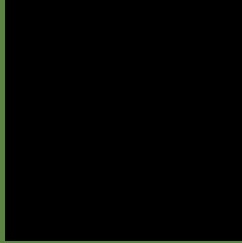
Any Text WCAG AA ✓ Pass

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 5A8545 Background



This preview shows how black text looks on a background with the Hex color 5A8545.



This preview shows how white text looks on a background with the Hex color 5A8545.

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
5A8545

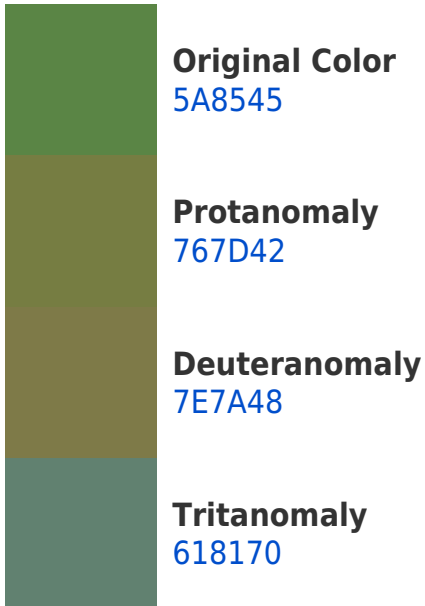
Protanopia
867941

Deuteranopia
937449

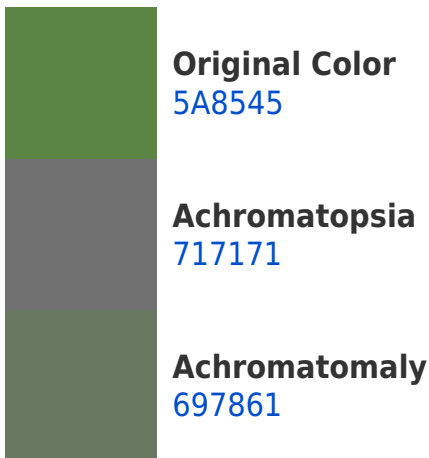


Tritanopia
657E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8545 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 #5A8545 looks like.

```
.text, #text, p{  
    color:#5A8545  
}
```

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 #5A8545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8545
}
```

Border

The CSS property to change the border of an element to Hex 5A8545 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".

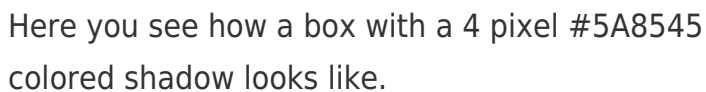
```
.border, #border, table{ border:4px solid
#5A8545 }
```

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

```
.border{ border-color:#5A8545 }
```

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

Here you see how a box with a 4 pixel #5A8545 colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8545; -webkit-box-shadow:4px 4px  
4px 4px #5A8545; box-shadow:4px 4px 4px  
4px #5A8545 }
```

Background

The CSS property to change the background color of an element to Hex 5A8545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8545 }
```

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

```
.background{ background-color:#5A8545 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor