

Converting Colors

Hex(5A945A)

Have a look what the booklet for
Hex(5A945A) contains.

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Color

Hex(5A945A)

Conversions

Conversions Part 1

Format	Color
Hex	5A945A
RGB	90, 148, 90
RGB Percent	35%, 58%, 35%
CMY	0.6471, 0.4196, 0.6471
CMYK	0.39, 0.00, 0.39, 0.42
HSL	120°, 24%, 47%
HSV	120°, 39%, 58%
XYZ	16.6518, 24.0917, 13.4454
YIQ	124.0460, -15.9500, -30.3340

Conversions

Conversions Part 2

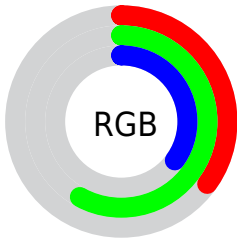
Format	Color
R_{YB}	90, 148, 148
Decimal	5936218
CIE _{Lab}	56.18, -31.34, 24.85
CIE _{LCh}	56, 40.000, 141.587
Yxy	24.0917, 0.3073, 0.4446
Android (android.graphics.Color)	4284126298 (0xFF5A945A)
YUV	124.0460, -16.7847, -29.8583
Hunter-Lab	49.0832, -25.3384, 18.1170

Details

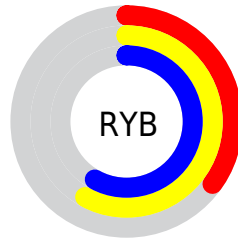
The Hex color **5A945A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **945A94**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8FCA8D**, and **27612B** is the 20% darker color. If you saturate the color by 10%, you get **4B944B**, and if you desaturate by 10%, it is **699469**.

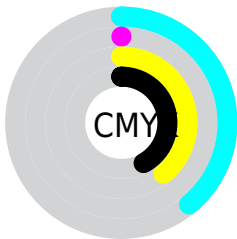
Distribution



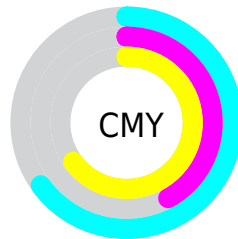
- Red (35%)
- Green (58%)
- Blue (35%)



- Red (35%)
- Yellow (58%)
- Blue (58%)



- Cyan (39%)
- Magenta (0%)
- Yellow (39%)
- Black (42%)



- Cyan (65%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A945A 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 5A945A by changing the saturation by 10% instead.



5A945A



5A945A

FFFFFF



407A42



8FCA8D



27612B



AAE7A7



094815



C6FFC3



003100



E2FFDF



001E00



FFFFFFB



000000



5A945A



5A945A



4B944B



699469




3C943C



789478

 2E942E

 869486

 1F941F

 959495

 109410

 A494A4

 019401

 B394B3

 009400

 C294C2

 D094D0

 DF94DF

Harmonies

Analogous

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



838C44



5A945A



19987B

Triad

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



5A945A



318DCB



C96B6F

Complementary

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



5A945A



945A94

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.



C26B92



5A945A



7A81C7

Square

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



5A945A



0095BC



A874B2



BD7551

Rectangle

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



5A945A



009993



A874B2



C96A7A

Sweetspot

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



5A945A



A8BFA8



94945A



536153



E0E0E0



616161

Same Dimension

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



5A945A



65BF65



5A9477



434A43



008A00



000A00

Inverse Universe

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



945A94



BF65BF



945A77



4A434A



8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 5A945A looks on a white background.

Color Contrast Check

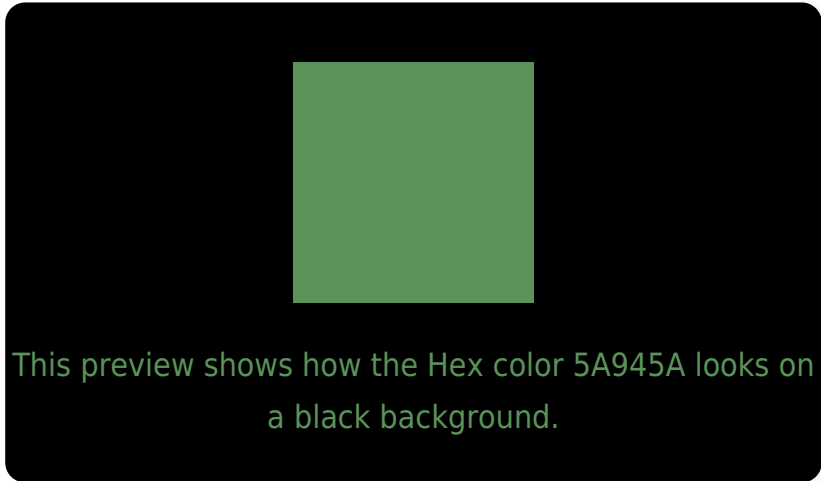
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A945A Background



This preview shows how black text looks on a background with the Hex color 5A945A.



This preview shows how white text looks on a background with the Hex color 5A945A.

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
668D98

Trichromacy



Original Color
5A945A



Protanomaly
7E8B56



Deuteranomaly
87875D



Tritanomaly
629081

Monochromacy



Original Color
5A945A



Achromatopsia
7C7C7C



Achromatomaly
708570

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A945A 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 #5A945A looks like.

```
.text, #text, p{  
    color:#5A945A  
}
```

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 #5A945A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A945A
}
```

Border

The CSS property to change the border of an element to Hex 5A945A 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
#5A945A }
```

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

```
.border{ border-color:#5A945A }
```

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

Here you see how a box with a 4 pixel #5A945A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A945A; -webkit-box-shadow:4px 4px  
4px 4px #5A945A; box-shadow:4px 4px 4px  
4px #5A945A }
```

Background

The CSS property to change the background color of an element to Hex 5A945A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A945A }
```

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

```
.background{ background-color:#5A945A }
```

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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