

Converting Colors

Hex(5A8746)

Have a look what the booklet for
Hex(5A8746) contains.

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Color

Hex(5A8746)

Conversions

Conversions Part 1

Format	Color
Hex	5A8746
RGB	90, 135, 70
RGB Percent	35%, 53%, 27%
CMY	0.6471, 0.4706, 0.7255
CMYK	0.33, 0.00, 0.48, 0.47
HSL	102°, 32%, 40%
HSV	102°, 48%, 53%
XYZ	13.9859, 19.9438, 8.9068
YIQ	114.1350, -5.9550, -29.7550

Conversions

Conversions Part 2

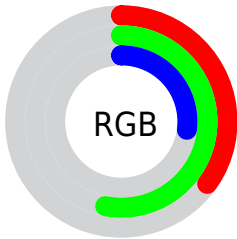
Format	Color
RYB	70, 135, 115
Decimal	5932870
CIELab	51.77, -28.16, 30.03
CIELCh	52, 41.168, 133.156
Yxy	19.9438, 0.3265, 0.4656
Android (android.graphics.Color)	4284122950 (0xFF5A8746)
YUV	114.1350, -21.7586, -21.1664
Hunter-Lab	44.6585, -22.2506, 19.4361

Details

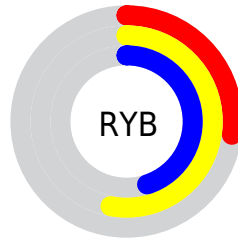
The Hex color **5A8746** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **734687**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **8EBD78**, and **285517** is the 20% darker color. If you saturate the color by 10%, you get **518739**, and if you desaturate by 10%, it is **638754**.

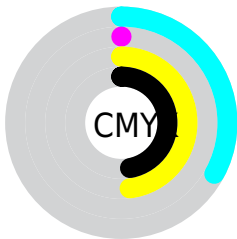
Distribution



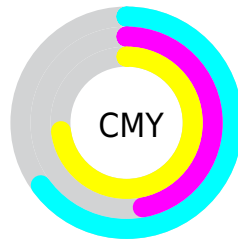
- Red (35%)
- Green (53%)
- Blue (27%)



- Red (27%)
- Yellow (53%)
- Blue (45%)



- Cyan (33%)
- Magenta (0%)
- Yellow (48%)
- Black (47%)



- Cyan (65%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8746 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 5A8746 by changing the saturation by 10% instead.

 5A8746

 5A8746

FFFFFF

 416D2E

 8EBD78

 285517

 A9D892

 0E3D00

 C5F5AD

 002700

 E1FFC8


 000C00

 FEFFE4

 000000

 5A8746

 5A8746

 518739

 638754

 47872B

 6D8761

 3E871D

 76876F

 358710

 7F877C

 2B8702

 89878A

 2A8700

 928797

 9B87A5

 A587B2

 AE87C0

Harmonies

Analogous

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



817E34



5A8746



1E8C66

Triad

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



5A8746



0085BE



BE5E6D

Complementary

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



5A8746



734687

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.



B26091



5A8746



5C7AC0

Square

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



5A8746



008BAB



926CAF



B6664D

Rectangle

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



5A8746



008D7E



926CAF



BC5D79

Sweetspot

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



5A8746



9FB097



877246



4F594A



D9D9D9



595959

Same Dimension

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



5A8746



69B04A



468752



3E423C



288200



010300

Inverse Universe

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



734687



914AB0



87467B



403C42



5A0082



020003

Previews

White Background



This preview shows how the Hex color 5A8746 looks on a white background.

Color Contrast Check

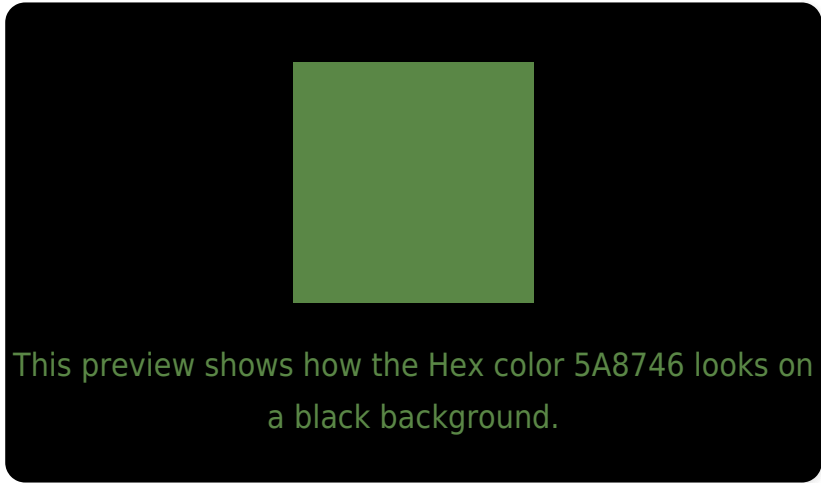
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A8746 Background



This preview shows how black text looks on a background with the Hex color 5A8746.



This preview shows how white text looks on a background with the Hex color 5A8746.

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
5A8746

Protanopia
877B42

Deuteranopia
95754A



Tritanopia
657F8A

Trichromacy



Original Color
5A8746

Protanomaly
777F43

Deuteranomaly
807C49

Tritanomaly
618271

Monochromacy



Original Color
5A8746

Achromatopsia
727272

Achromatomaly
697A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8746 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 #5A8746 looks like.

```
.text, #text, p{  
    color:#5A8746  
}
```

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 #5A8746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8746
}
```

Border

The CSS property to change the border of an element to Hex 5A8746 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".

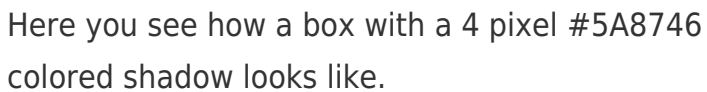
```
.border, #border, table{ border:4px solid
#5A8746 }
```

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

```
.border{ border-color:#5A8746 }
```

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

Here you see how a box with a 4 pixel #5A8746 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 #5A8746; -webkit-box-shadow:4px 4px  
4px 4px #5A8746; box-shadow:4px 4px 4px  
4px #5A8746 }
```

Background

The CSS property to change the background color of an element to Hex 5A8746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8746 }
```

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

```
.background{ background-color:#5A8746 }
```

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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