

Converting Colors

Hex(5C8743)

Have a look what the booklet for
Hex(5C8743) contains.

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Color

Hex(5C8743)

Conversions

Conversions Part 1

Format	Color
Hex	5C8743
RGB	92, 135, 67
RGB Percent	36%, 53%, 26%
CMY	0.6392, 0.4706, 0.7373
CMYK	0.32, 0.00, 0.50, 0.47
HSL	98°, 34%, 40%
HSV	98°, 50%, 53%
XYZ	14.0907, 20.0085, 8.4296
YIQ	114.3910, -3.8000, -30.2640

Conversions

Conversions Part 2

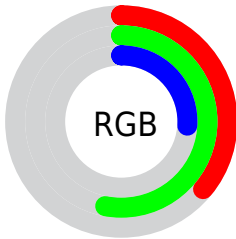
Format	Color
RYB	67, 135, 110
Decimal	6063939
CIELab	51.85, -27.82, 31.74
CIELCh	52, 42.201, 131.233
Yxy	20.0085, 0.3313, 0.4705
Android (android.graphics.Color)	4284254019 (0xFF5C8743)
YUV	114.3910, -23.3638, -19.6369
Hunter-Lab	44.7309, -22.0495, 20.1384

Details

The Hex color **5C8743** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6E4387**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **90BD75**, and **2A5514** is the 20% darker color. If you saturate the color by 10%, you get **538736**, and if you desaturate by 10%, it is **658751**.

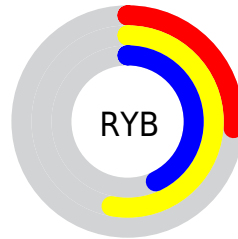
Distribution



Red (36%)

Green (53%)

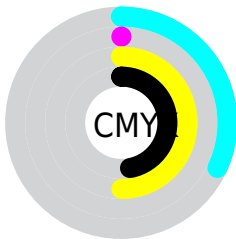
Blue (26%)



Red (26%)

Yellow (53%)

Blue (43%)

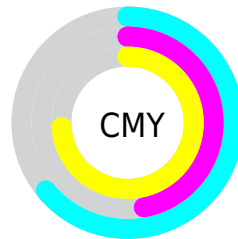


Cyan (32%)

Magenta (0%)

Yellow (50%)

Black (47%)



Cyan (64%)

Magenta (47%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C8743 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 5C8743 by changing the saturation by 10% instead.



5C8743



5C8743

FFFFFF



436D2B



90BD75



2A5514



ABD88F



113D00



C7F5A9



002700



E4FFC5



000C00



FFFFE1



000000

FFFFFFE



5C8743



5C8743



538736



658751

 4B8728

 6D875E

 42871B

 76876C

 3A870D

 7E8779

 328700

 878787

 8F8794

 9887A2

 A087AF

 A987BD

Harmonies

Analogous

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



847E31



5C8743



1F8C63

Triad

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



5C8743



0086C0



BF5D6F

Complementary

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



5C8743



6E4387

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.



B26094



5C8743



567BC2

Square

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



5C8743



008CAA



906DB2



B9644E

Rectangle

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



5C8743



008E7C



906DB2



BD5C7C

Sweetspot

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



5C8743



9FB096



876D43



4F5949



D9D9D9



595959

Same Dimension

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



5C8743



6DB046



43874B



3E423C



308200



010300

Inverse Universe

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



6E4387



8946B0



87437F



403C42



520082



020003

Previews

White Background



This preview shows how the Hex color 5C8743 looks on a white background.

Color Contrast Check

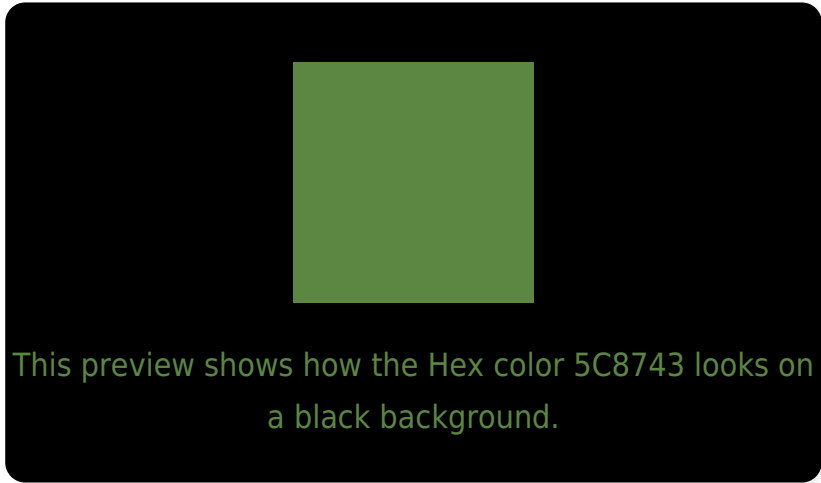
Large Text (above 18pt) WCAG AA ✓ Pass

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

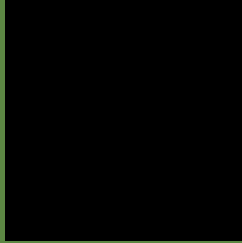
Any Text WCAG AA ✓ Pass

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 5C8743 Background



This preview shows how black text looks on a background with the Hex color 5C8743.



This preview shows how white text looks on a background with the Hex color 5C8743.

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
5C8743

Protanopia
887B3F

Deuteranopia
967547



Tritanopia
677F89

Trichromacy



Original Color
5C8743

Protanomaly
787F40

Deuteranomaly
817C46

Tritanomaly
638270

Monochromacy



Original Color
5C8743

Achromatopsia
727272

Achromatomaly
6A7A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C8743 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 #5C8743 looks like.

```
.text, #text, p{  
    color:#5C8743  
}
```

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 #5C8743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C8743
}
```

Border

The CSS property to change the border of an element to Hex 5C8743 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
#5C8743 }
```

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

```
.border{ border-color:#5C8743 }
```

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

Here you see how a box with a 4 pixel #5C8743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C8743; -webkit-box-shadow:4px 4px  
4px 4px #5C8743; box-shadow:4px 4px 4px  
4px #5C8743 }
```

Background

The CSS property to change the background color of an element to Hex 5C8743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C8743 }
```

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

```
.background{ background-color:#5C8743 }
```

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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