

Converting Colors

Hex(5C8B40)

Have a look what the booklet for
Hex(5C8B40) contains.

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Color

Hex(5C8B40)

Conversions

Conversions Part 1

Format	Color
Hex	5C8B40
RGB	92, 139, 64
RGB Percent	36%, 55%, 25%
CMY	0.6392, 0.4549, 0.7490
CMYK	0.34, 0.00, 0.54, 0.45
HSL	98°, 37%, 40%
HSV	98°, 54%, 55%
XYZ	14.5717, 21.1107, 8.1573
YIQ	116.3970, -3.9370, -33.2890

Conversions

Conversions Part 2

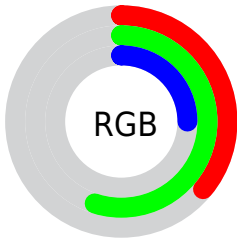
Format	Color
RYB	64, 139, 111
Decimal	6064960
CIELab	53.07, -30.11, 34.77
CIELCh	53, 46.001, 130.891
Yxy	21.1107, 0.3324, 0.4815
Android (android.graphics.Color)	4284255040 (0xFF5C8B40)
YUV	116.3970, -25.8317, -21.3962
Hunter-Lab	45.9464, -23.7958, 21.6362

Details

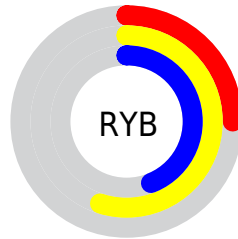
The Hex color **5C8B40** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6F408B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **91C172**, and **29580F** is the 20% darker color. If you saturate the color by 10%, you get **538B32**, and if you desaturate by 10%, it is **658B4E**.

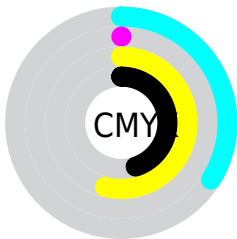
Distribution



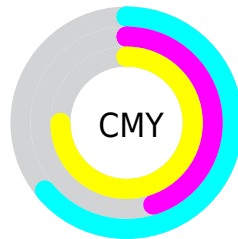
- Red (36%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (44%)



- Cyan (34%)
- Magenta (0%)
- Yellow (54%)
- Black (45%)



- Cyan (64%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C8B40 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 5C8B40 by changing the saturation by 10% instead.



5C8B40



5C8B40

FFFFFF



437128



91C172



29580F



ACDD8C



0F4100



C8FAA7



002A00



E4FFC2



001300



FFFFDE



000000



FFFFFB



5C8B40



5C8B40



538B32



658B4E

 4B8B24

 6D8B5C

 428B16

 768B6A

 398B08

 7F8B78

 348B00

 888B85

 908B93

 998BA1

 A28BAF

 AA8BBD

Harmonies

Analogous

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



87812C



5C8B40



0D9163

Triad

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



5C8B40



008AC9



C85C72

Complementary

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



5C8B40



6F408B

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.



BA609A



5C8B40



527ECC

Square

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



5C8B40



0090B2



946EBB



C1654D

Rectangle

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



5C8B40



00927F



946EBB



C65C7F

Sweetspot

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



5C8B40



A3B598



8B6E40



515C4A



DBDBDB



5C5C5C

Same Dimension

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



5C8B40



6BB53F



408B49



41453E



328500



020500

Inverse Universe

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



6F408B



893FB5



8B4082



423E45



530085



030005

Previews

White Background



This preview shows how the Hex color 5C8B40 looks on a white background.

Color Contrast Check

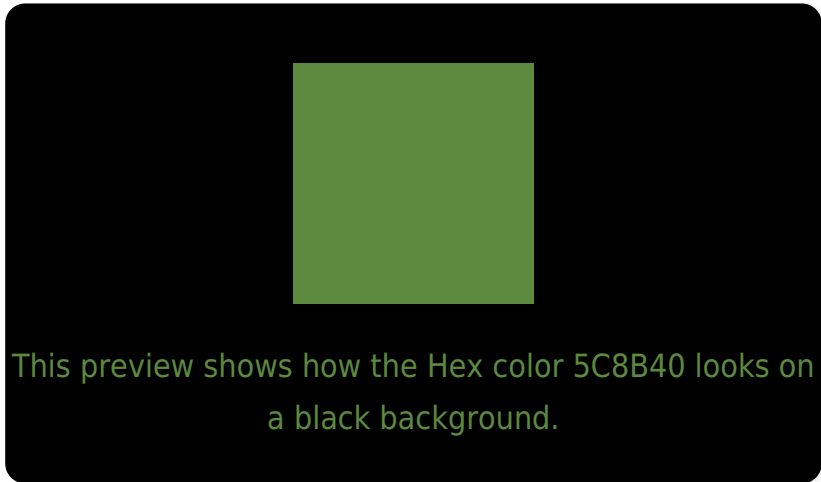
Large Text (above 18pt) WCAG AA ✓ Pass

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

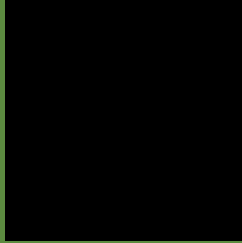
Any Text WCAG AA ✓ Pass

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 5C8B40 Background



This preview shows how black text looks on a background with the Hex color 5C8B40.

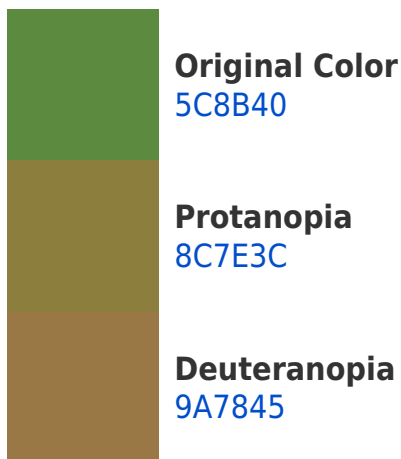



This preview shows how white text looks on a background with the Hex color 5C8B40.

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
68838D

Trichromacy



Original Color
5C8B40

Protanomaly
7B833D

Deuteranomaly
837F43

Tritanomaly
648671

Monochromacy



Original Color
5C8B40

Achromatopsia
747474

Achromatomaly
6B7C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C8B40 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 #5C8B40 looks like.

```
.text, #text, p{  
    color:#5C8B40  
}
```

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 #5C8B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C8B40
}
```

Border

The CSS property to change the border of an element to Hex 5C8B40 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
#5C8B40 }
```

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

```
.border{ border-color:#5C8B40 }
```

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

Here you see how a box with a 4 pixel #5C8B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C8B40; -webkit-box-shadow:4px 4px  
4px 4px #5C8B40; box-shadow:4px 4px 4px  
4px #5C8B40 }
```

Background

The CSS property to change the background color of an element to Hex 5C8B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C8B40 }
```

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

```
.background{ background-color:#5C8B40 }
```

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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