

Converting Colors

Hex(5A8B28)

Have a look what the booklet for
Hex(5A8B28) contains.

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Color

Hex(5A8B28)

Conversions

Conversions Part 1

Format	Color
Hex	5A8B28
RGB	90, 139, 40
RGB Percent	35%, 55%, 16%
CMY	0.6471, 0.4549, 0.8431
CMYK	0.35, 0.00, 0.71, 0.45
HSL	90°, 55%, 35%
HSV	90°, 71%, 55%
XYZ	13.8321, 20.7921, 5.2917
YIQ	113.0630, 2.5750, -41.1770

Conversions

Conversions Part 2

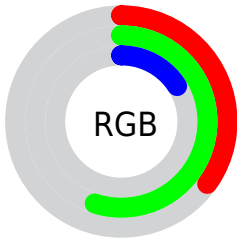
Format	Color
R_{YB}	40, 139, 89
Decimal	5933864
CIE _{Lab}	52.72, -33.21, 45.50
CIE _{LCh}	53, 56.332, 126.129
Yxy	20.7921, 0.3465, 0.5209
Android (android.graphics.Color)	4284123944 (0xFF5A8B28)
YUV	113.0630, -36.0201, -20.2263
Hunter-Lab	45.5984, -25.6499, 25.0382

Details

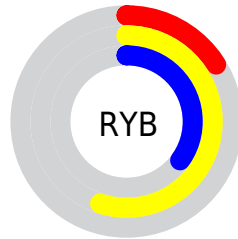
The Hex color **5A8B28** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **59288B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **90C15B**, and **255800** is the 20% darker color. If you saturate the color by 10%, you get **538B1A**, and if you desaturate by 10%, it is **618B36**.

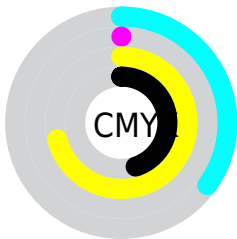
Distribution



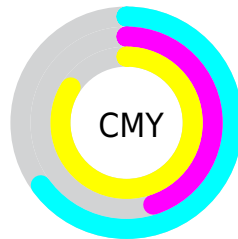
- Red (35%)
- Green (55%)
- Blue (16%)



- Red (16%)
- Yellow (55%)
- Blue (35%)



- Cyan (35%)
- Magenta (0%)
- Yellow (71%)
- Black (45%)



- Cyan (65%)
- Magenta (45%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A8B28 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 5A8B28 by changing the saturation by 10% instead.

 5A8B28

 5A8B28

FFFFFF

 40710A

 90C15B

 255800

 ABDD75

 064100

 C7FA90

 002A00

 E4FFAB

 001100

 FFFFC7


 000000

 FFFFE4

 5A8B28

 5A8B28

 538B1A

 618B36

■ 4C8B0C

■ 688B44

■ 468B00

■ 6F8B52

■ 768B60

■ 7C8B6D

■ 838B7B

■ 8A8B89

■ 918B97

■ 988BA5

Harmonies

Analogous

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



8D7F0A



5A8B28



009255

Triad

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



5A8B28



008DD6



D44E76

Complementary

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



5A8B28



59288B

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.



C057A6



5A8B28



0080DE

Square

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



5A8B28



0093B6



8C6DCC



CF5947

Rectangle

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



5A8B28



009476



8C6DCC



D14F86

Sweetspot

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



5A8B28



A2B58F



8B5828



505C45



DBDBDB



5C5C5C

Same Dimension

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



5A8B28



69B51B



2A8B28



41453E



438500



030500

Inverse Universe

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



59288B



671BB5



89288B



413E45



420085



030005

Previews

White Background



This preview shows how the Hex color 5A8B28 looks on a white background.

Color Contrast Check

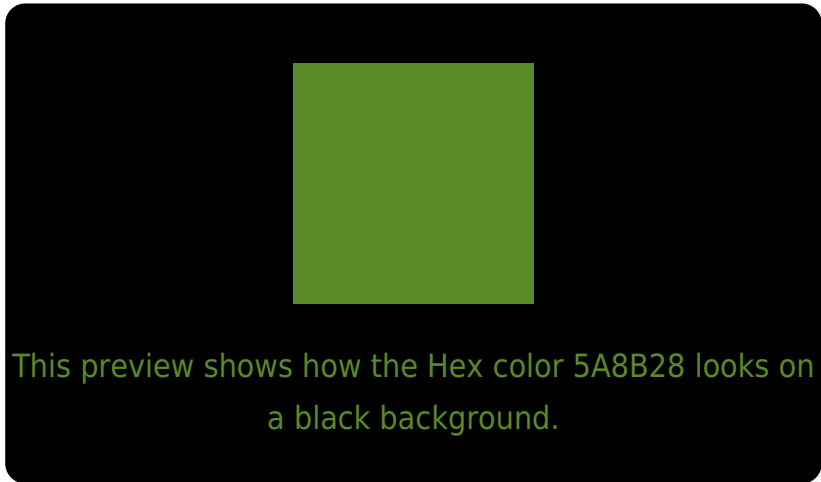
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A8B28 Background



This preview shows how black text looks on a background with the Hex color 5A8B28.



This preview shows how white text looks on a background with the Hex color 5A8B28.

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
5A8B28

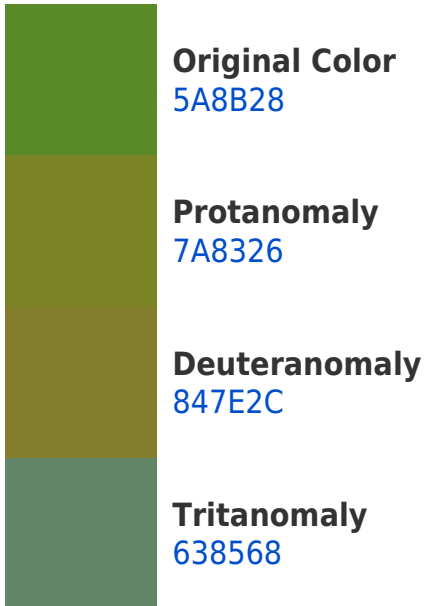
Protanopia
8D7E25

Deuteranopia
9C772F

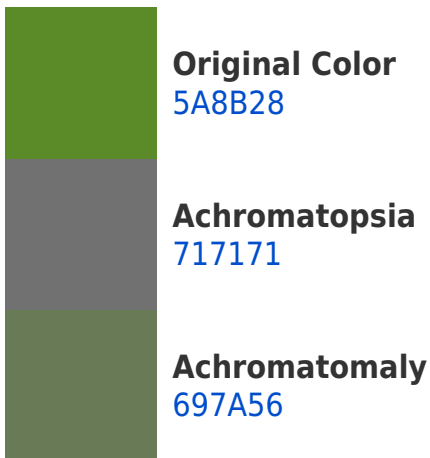


Tritanopia
68828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A8B28 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 #5A8B28 looks like.

```
.text, #text, p{  
    color:#5A8B28  
}
```

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 #5A8B28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A8B28
}
```

Border

The CSS property to change the border of an element to Hex 5A8B28 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
#5A8B28 }
```

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

```
.border{ border-color:#5A8B28 }
```

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

Here you see how a box with a 4 pixel #5A8B28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A8B28; -webkit-box-shadow:4px 4px  
4px 4px #5A8B28; box-shadow:4px 4px 4px  
4px #5A8B28 }
```

Background

The CSS property to change the background color of an element to Hex 5A8B28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A8B28 }
```

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

```
.background{ background-color:#5A8B28 }
```

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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