

Converting Colors

Hex(5C8A29)

Have a look what the booklet for
Hex(5C8A29) contains.

Hex(5C8A29)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C8A29)

Conversions

Conversions Part 1

Format	Color
Hex	5C8A29
RGB	92, 138, 41
RGB Percent	36%, 54%, 16%
CMY	0.6392, 0.4588, 0.8392
CMYK	0.33, 0.00, 0.70, 0.46
HSL	88°, 54%, 35%
HSV	88°, 70%, 54%
XYZ	13.9024, 20.6124, 5.3437
YIQ	113.1880, 3.7210, -39.9190

Conversions

Conversions Part 2

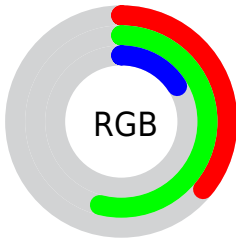
Format	Color
R_{YB}	41, 138, 87
Decimal	6064681
CIE _{Lab}	52.52, -31.91, 44.92
CIE _{LCh}	53, 55.101, 125.393
Yxy	20.6124, 0.3488, 0.5171
Android (android.graphics.Color)	4284254761 (0xFF5C8A29)
YUV	113.1880, -35.5887, -18.5819
Hunter-Lab	45.4008, -24.7924, 24.8022

Details

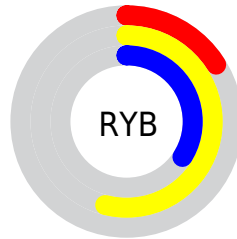
The Hex color **5C8A29** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **57298A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **92C05C**, and **285800** is the 20% darker color. If you saturate the color by 10%, you get **558A1B**, and if you desaturate by 10%, it is **638A37**.

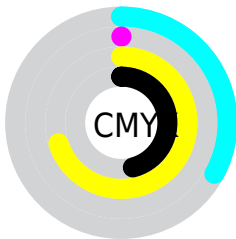
Distribution



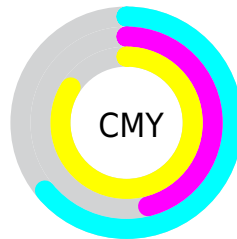
- Red (36%)
- Green (54%)
- Blue (16%)



- Red (16%)
- Yellow (54%)
- Blue (34%)



- Cyan (33%)
- Magenta (0%)
- Yellow (70%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C8A29 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 5C8A29 by changing the saturation by 10% instead.

 5C8A29

 5C8A29

FFFFFF

 42700C

 92C05C

 285800

 ADDC76

 0A4000

 C9F891

 002A00

 E6FFAC

 001000

 FFFFC8

 000000

 FFFFE4

 5C8A29

 5C8A29

 558A1B

 638A37

■ 4F8A0D

■ 698A45

■ 498A00

■ 708A52

■ 768A60

■ 7D8A6E

■ 838A7C

■ 8A8A8A

■ 908A97

■ 978AA5

Harmonies

Analogous

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



8D7E0F



5C8A29



009154

Triad

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



5C8A29



008DD3



D24F77

Complementary

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



5C8A29



57298A

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.



BD59A6



5C8A29



0280DC

Square

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



5C8A29



0093B3



8A6DCB



CD5949

Rectangle

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



5C8A29



009374



8A6DCB



CE5087

Sweetspot

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



5C8A29



A1B38D



8A5629



4F5943



D9D9D9



595959

Same Dimension

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



5C8A29



6BB31D



2C8A29



42453E



468500



030500

Inverse Universe

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



57298A



641DB3



87298A



413E45



3F0085



020005

Previews

White Background



This preview shows how the Hex color 5C8A29 looks on a white background.

Color Contrast Check

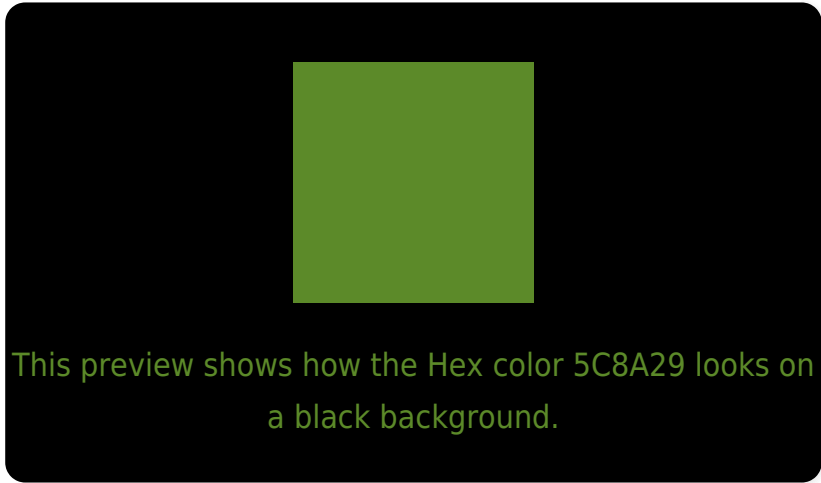
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C8A29 Background



This preview shows how black text looks on a background with the Hex color 5C8A29.



This preview shows how white text looks on a background with the Hex color 5C8A29.

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
5C8A29

Protanopia
8C7D26

Deuteranopia
9C7730



Tritanopia
69818B

Trichromacy



Original Color
5C8A29

Protanomaly
7B8227

Deuteranomaly
857E2D

Tritanomaly
648467

Monochromacy



Original Color
5C8A29

Achromatopsia
717171

Achromatomaly
697A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C8A29 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 #5C8A29 looks like.

```
.text, #text, p{  
    color:#5C8A29  
}
```

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 #5C8A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C8A29
}
```

Border

The CSS property to change the border of an element to Hex 5C8A29 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
#5C8A29 }
```

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

```
.border{ border-color:#5C8A29 }
```

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

Here you see how a box with a 4 pixel #5C8A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C8A29; -webkit-box-shadow:4px 4px  
4px 4px #5C8A29; box-shadow:4px 4px 4px  
4px #5C8A29 }
```

Background

The CSS property to change the background color of an element to Hex 5C8A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C8A29 }
```

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

```
.background{ background-color:#5C8A29 }
```

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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