

Converting Colors

Hex(578A29)

Have a look what the booklet for
Hex(578A29) contains.

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Color

Hex(578A29)

Conversions

Conversions Part 1

Format	Color
Hex	578A29
RGB	87, 138, 41
RGB Percent	34%, 54%, 16%
CMY	0.6588, 0.4588, 0.8392
CMYK	0.37, 0.00, 0.70, 0.46
HSL	92°, 54%, 35%
HSV	92°, 70%, 54%
XYZ	13.4192, 20.3633, 5.3211
YIQ	111.6930, 0.7410, -40.9790

Conversions

Conversions Part 2

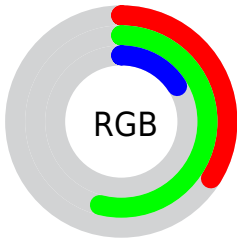
Format	Color
R_{YB}	41, 138, 92
Decimal	5737001
CIE _{Lab}	52.25, -33.81, 44.54
CIE _{LCh}	52, 55.920, 127.197
Yxy	20.3633, 0.3432, 0.5208
Android (android.graphics.Color)	4283927081 (0xFF578A29)
YUV	111.6930, -34.8516, -21.6558
Hunter-Lab	45.1257, -25.8888, 24.5967

Details

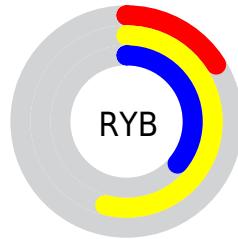
The Hex color **578A29** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5C298A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8DC05C**, and **225700** is the 20% darker color. If you saturate the color by 10%, you get **508A1B**, and if you desaturate by 10%, it is **5E8A37**.

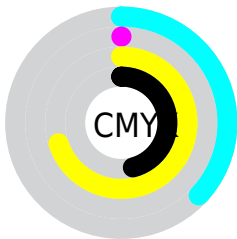
Distribution



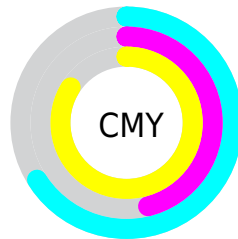
- Red (34%)
- Green (54%)
- Blue (16%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (70%)
- Black (46%)



- Cyan (66%)
- Magenta (46%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578A29 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 578A29 by changing the saturation by 10% instead.



578A29



578A29

FFFFFF



3D700C



8DC05C



225700



A8DC76



014000



C4F991



002900



E1FFAC



000F00



FEFFC8



000000



FFFEE4



578A29



578A29



508A1B



5E8A37

■ 488A0D

■ 668A45

■ 418A00

■ 6D8A52

■ 748A60

■ 7B8A6E

■ 838A7C

■ 8A8A8A

■ 918A97

■ 988AA5

Harmonies

Analogous

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



8A7E0A



578A29



009155

Triad

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



578A29



008CD5



D34D73

Complementary

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



578A29



5C298A

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.



BF56A3



578A29



167EDC

Square

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



578A29



0092B6



8D6BCA



CC5945

Rectangle

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



578A29



009376



8D6BCA



CF4E83

Sweetspot

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



578A29



9FB38D



8A5B29



4E5943



D9D9D9



595959

Same Dimension

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



578A29



64B31D



298A2B



41453E



3F8500



020500

Inverse Universe

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



5C298A



6B1DB3



8A2988



423E45



460085



030005

Previews

White Background



This preview shows how the Hex color 578A29 looks on a white background.

Color Contrast Check

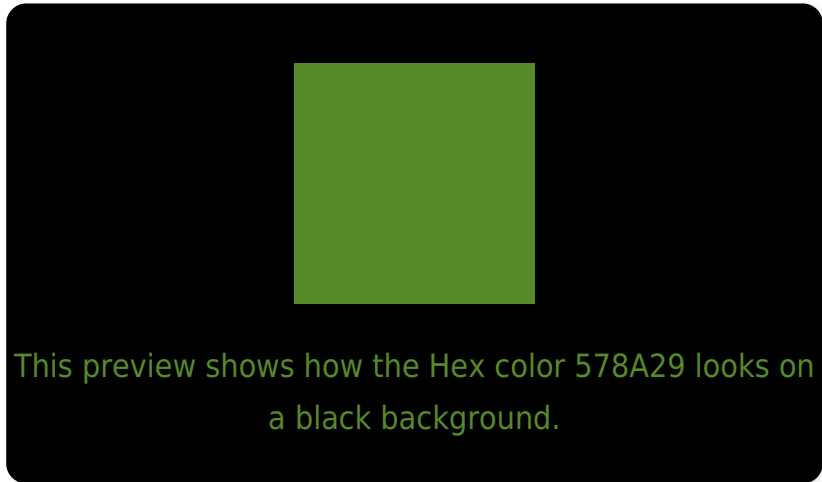
Large Text (above 18pt) WCAG AA ✓ Pass

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 578A29 Background



This preview shows how black text looks on a background with the Hex color 578A29.

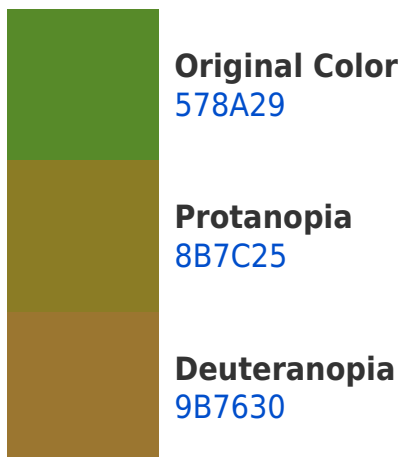


This preview shows how white text looks on a background with the Hex color 578A29.

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
65818B

Trichromacy



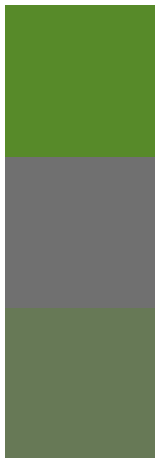
Original Color
578A29

Protanomaly
788126

Deuteranomaly
827D2D

Tritanomaly
608467

Monochromacy



Original Color
578A29

Achromatopsia
707070

Achromatomaly
677956

CSS Examples

Text

The CSS property to change the color of the text to Hex 578A29 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 #578A29 looks like.

```
.text, #text, p{  
    color:#578A29  
}
```

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 #578A29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578A29
}
```

Border

The CSS property to change the border of an element to Hex 578A29 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
#578A29 }
```

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

```
.border{ border-color:#578A29 }
```

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

Here you see how a box with a 4 pixel #578A29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578A29; -webkit-box-shadow:4px 4px  
4px 4px #578A29; box-shadow:4px 4px 4px  
4px #578A29 }
```

Background

The CSS property to change the background color of an element to Hex 578A29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578A29 }
```

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

```
.background{ background-color:#578A29 }
```

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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