

Converting Colors

Hex(578B29)

Have a look what the booklet for
Hex(578B29) contains.

Hex(578B29)	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(578B29)

Conversions

Conversions Part 1

Format	Color
Hex	578B29
RGB	87, 139, 41
RGB Percent	34%, 55%, 16%
CMY	0.6588, 0.4549, 0.8392
CMYK	0.37, 0.00, 0.71, 0.45
HSL	92°, 54%, 35%
HSV	92°, 71%, 55%
XYZ	13.5633, 20.6516, 5.3691
YIQ	112.2800, 0.4660, -41.5020

Conversions

Conversions Part 2

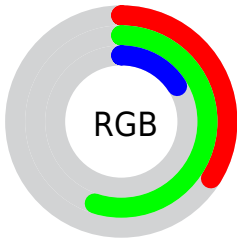
Format	Color
RYB	41, 139, 93
Decimal	5737257
CIELab	52.57, -34.26, 44.88
CIELCh	53, 56.459, 127.358
Yxy	20.6516, 0.3426, 0.5217
Android (android.graphics.Color)	4283927337 (0xFF578B29)
YUV	112.2800, -35.1410, -22.1706
Hunter-Lab	45.4440, -26.2514, 24.8058

Details

The Hex color **578B29** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5D298B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8DC15C**, and **215800** is the 20% darker color. If you saturate the color by 10%, you get **508B1B**, and if you desaturate by 10%, it is **5E8B37**.

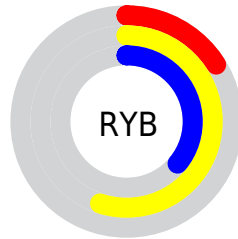
Distribution



Red (34%)

Green (55%)

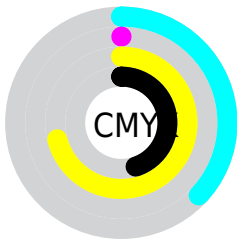
Blue (16%)



Red (16%)

Yellow (55%)

Blue (36%)

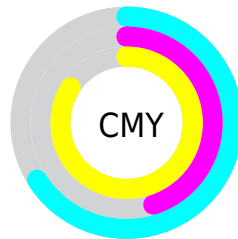


Cyan (37%)

Magenta (0%)

Yellow (71%)

Black (45%)



Cyan (66%)

Magenta (45%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578B29 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 578B29 by changing the saturation by 10% instead.



578B29



578B29

FFFFFF



3D710C



8DC15C



215800



A8DD76



004000



C4FA91



002A00



E1FFAC



001000



FEFFC8



000000



FFFEE4



578B29



578B29



508B1B



5E8B37

 488B0D

 668B45

 418B00

 6D8B53

 758B61

 7C8B6E

 838B7C

 8B8B8A

 928B98

 998BA6

Harmonies

Analogous

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



8B7F09



578B29



009256

Triad

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



578B29



008CD7



D44D73

Complementary

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



578B29



5D298B

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.



C156A4



578B29



157FDE

Square

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



578B29



0093B7



8E6BCB



CE5945

Rectangle

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



578B29



009477



8E6BCB



D14E84

Sweetspot

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



578B29



A1B58F



8B5C29



505C45



DBDBDB



5C5C5C

Same Dimension

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



578B29



63B51B



298B2B



41453E



3E8500



020500

Inverse Universe

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



5D298B



6D1BB5



8B2989



423E45



460085



030005

Previews

White Background



This preview shows how the Hex color 578B29 looks on a white background.

Color Contrast Check

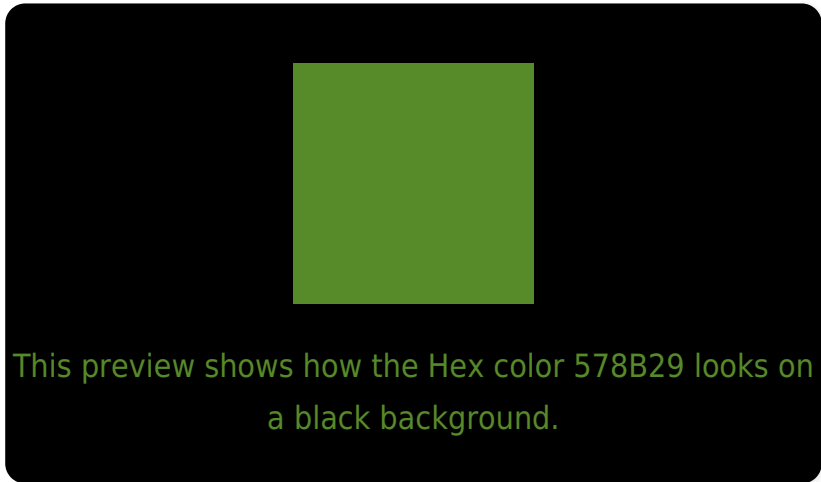
Large Text (above 18pt) WCAG AA ✓ Pass

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 578B29 Background



This preview shows how black text looks on a background with the Hex color 578B29.

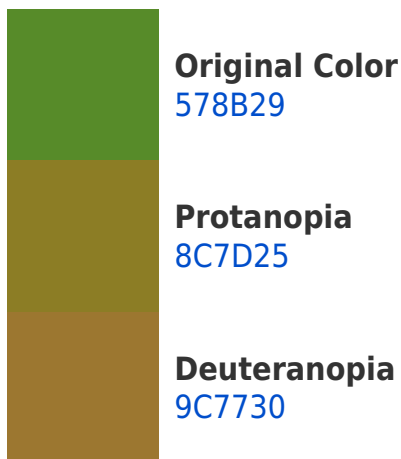



This preview shows how white text looks on a background with the Hex color 578B29.

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
65828C

Trichromacy



Original Color
578B29

Protanomaly
798226

Deuteranomaly
837E2D

Tritanomaly
608568

Monochromacy



Original Color
578B29

Achromatopsia
707070

Achromatomaly
677A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 578B29 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 #578B29 looks like.

```
.text, #text, p{  
    color:#578B29  
}
```

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 #578B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578B29
}
```

Border

The CSS property to change the border of an element to Hex 578B29 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
#578B29 }
```

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

```
.border{ border-color:#578B29 }
```

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

Here you see how a box with a 4 pixel #578B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578B29; -webkit-box-shadow:4px 4px  
4px 4px #578B29; box-shadow:4px 4px 4px  
4px #578B29 }
```

Background

The CSS property to change the background color of an element to Hex 578B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578B29 }
```

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

```
.background{ background-color:#578B29 }
```

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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