

Converting Colors

Hex(578700)

Have a look what the booklet for
Hex(578700) contains.

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Color

Hex(578700)

Conversions

Conversions Part 1

Format	Color
Hex	578700
RGB	87, 135, 0
RGB Percent	34%, 53%, 0%
CMY	0.6588, 0.4706, 1.0000
CMYK	0.36, 0.00, 1.00, 0.47
HSL	81°, 100%, 26%
HSV	81°, 100%, 53%
XYZ	12.5945, 19.3542, 3.0719
YIQ	105.2580, 14.7270, -52.1610

Conversions

Conversions Part 2

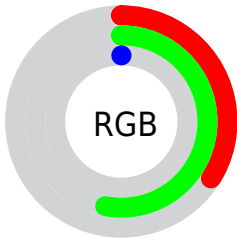
Format	Color
RYB	0, 135, 48
Decimal	5736192
CIELab	51.10, -34.31, 54.80
CIELCh	51, 64.658, 122.051
Yxy	19.3542, 0.3596, 0.5527
Android (android.graphics.Color)	4283926272 (0xFF578700)
YUV	105.2580, -51.8922, -16.0123
Hunter-Lab	43.9934, -25.8873, 26.6553

Details

The Hex color **578700** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **300087**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8EBD42**, and **215500** is the 20% darker color. If you saturate the color by 10%, you get **578700**, and if you desaturate by 10%, it is **5C870D**.

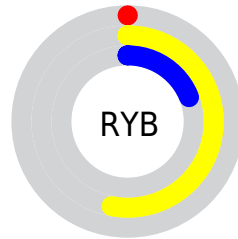
Distribution



Red (34%)

Green (53%)

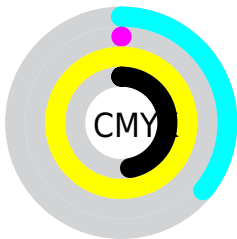
Blue (0%)



Red (0%)

Yellow (53%)

Blue (19%)

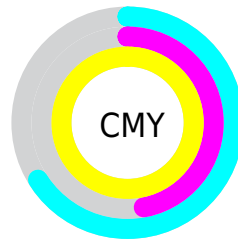


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (66%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578700 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 578700 by changing the saturation by 10% instead.

 578700

 578700

FFFFFF

 3C6D00

 8EBD42

 215500

 A9D95D

 003D00

 C6F578

 002700

 E3FF93

 000800

 FFFFAF

 000000

 FFFFCB

 FFFF8

 578700

 5C870D

 61871B

 658729

 6A8736

 6F8744

 748751

 79875E

 7D876C

 82877A

Harmonies

Analogous

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



8F7900



578700



008F43

Triad

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



578700



008DDB



D93C78

Complementary

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



578700



300087

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.



BE4DAE



578700



007FE9

Square

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



578700



0092B3



7C69D8



D64942

Rectangle

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



578700



009269



7C69D8



D43F8B

Sweetspot

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



578700



9DB07B



872F00



4E5939



D9D9D9



595959

Same Dimension

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



578700



71B000



148700



40423C



548200



020300

Inverse Universe

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



300087



3F00B0



730087



3E3C42



2E0082



010003

Previews

White Background



This preview shows how the Hex color 578700 looks on a white background.

Color Contrast Check

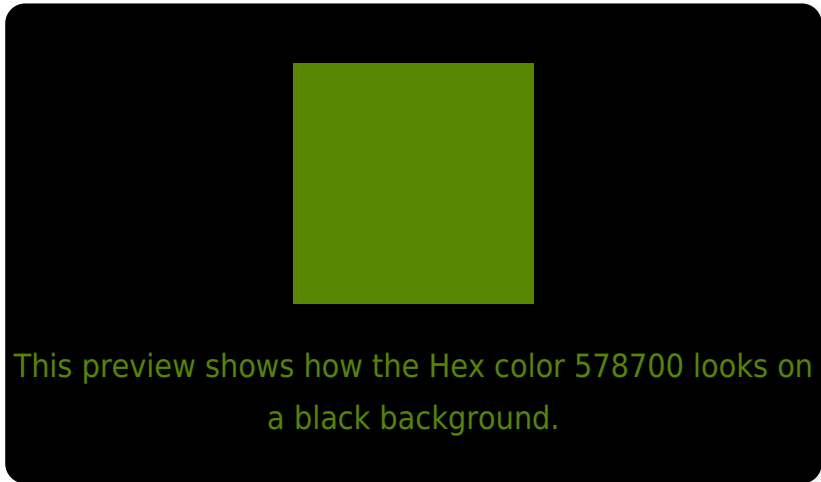
Large Text (above 18pt) WCAG AA ✓ Pass

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 578700 Background



This preview shows how black text looks on a background with the Hex color 578700.



This preview shows how white text looks on a background with the Hex color 578700.

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
578700

Protanopia
897A00

Deuteranopia
99731A



Tritanopia
657D88

Trichromacy



Original Color
578700

Protanomaly
777F00

Deuteranomaly
817A11

Tritanomaly
608157

Monochromacy



Original Color
578700

Achromatopsia
696969

Achromatomaly
627443

CSS Examples

Text

The CSS property to change the color of the text to Hex 578700 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 #578700 looks like.

```
.text, #text, p{  
    color:#578700  
}
```

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 #578700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578700
}
```

Border

The CSS property to change the border of an element to Hex 578700 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
#578700 }
```

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

```
.border{ border-color:#578700 }
```

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

Here you see how a box with a 4 pixel #578700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578700; -webkit-box-shadow:4px 4px  
4px 4px #578700; box-shadow:4px 4px 4px  
4px #578700 }
```

Background

The CSS property to change the background color of an element to Hex 578700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578700 }
```

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

```
.background{ background-color:#578700 }
```

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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