

Converting Colors

Hex(578245)

Have a look what the booklet for
Hex(578245) contains.

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Color

Hex(578245)

Conversions

Conversions Part 1

Format	Color
Hex	578245
RGB	87, 130, 69
RGB Percent	34%, 51%, 27%
CMY	0.6588, 0.4902, 0.7294
CMYK	0.33, 0.00, 0.47, 0.49
HSL	102°, 31%, 39%
HSV	102°, 47%, 51%
XYZ	12.9873, 18.4212, 8.5014
YIQ	110.1890, -6.0470, -28.0870

Conversions

Conversions Part 2

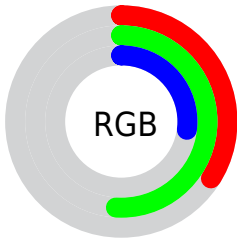
Format	Color
RYB	69, 130, 112
Decimal	5734981
CIELab	50.00, -26.96, 28.32
CIElCh	50, 39.101, 133.599
Yxy	18.4212, 0.3254, 0.4616
Android (android.graphics.Color)	4283925061 (0xFF578245)
YUV	110.1890, -20.3062, -20.3368
Hunter-Lab	42.9199, -21.0968, 18.3000

Details

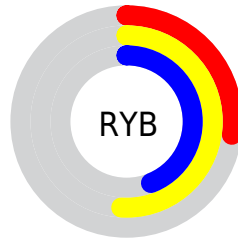
The Hex color **578245** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **704582**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8BB776**, and **265017** is the 20% darker color. If you saturate the color by 10%, you get **4E8238**, and if you desaturate by 10%, it is **608252**.

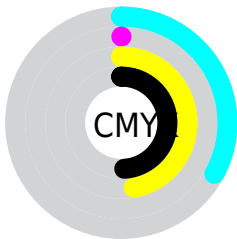
Distribution



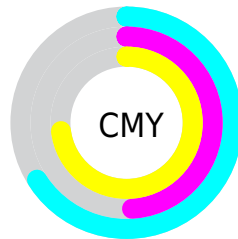
- Red (34%)
- Green (51%)
- Blue (27%)



- Red (27%)
- Yellow (51%)
- Blue (44%)



- Cyan (33%)
- Magenta (0%)
- Yellow (47%)
- Black (49%)



- Cyan (66%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578245 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 578245 by changing the saturation by 10% instead.

■ 578245

■ 578245

FFFFFF

■ 3E692E

■ 8BB776

■ 265017

■ A6D390

■ 0C3900

■ C1EFAB

■ 002400

■ DEFFC7

■ 000000

■ FBFFE3

■ 578245

■ 578245

■ 4E8238

■ 608252

■ 45822B

■ 69825F

 3C821E

 72826C

 328211

 7C8279

 298204

 858286

 268200

 8E8293

 9782A0

 A082AD

 A982BA

Harmonies

Analogous

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



7C7A34



578245



208763

Triad

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



578245



0080B6



B65B69

Complementary

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



578245



704582

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.



AB5D8B



578245



5B75B7

Square

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



578245



0086A4



8D68A7



AF634B

Rectangle

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



578245



00887A



8D68A7



B45B74

Sweetspot

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



578245



98A891



827045



4A5446



D4D4D4



545454

Same Dimension

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



578245



66A84A



458251



3B4039



268000



000000

Inverse Universe

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



704582



8C4AA8



824576



3E3940



5A0080



000000

Previews

White Background



This preview shows how the Hex color 578245 looks on a white background.

Color Contrast Check

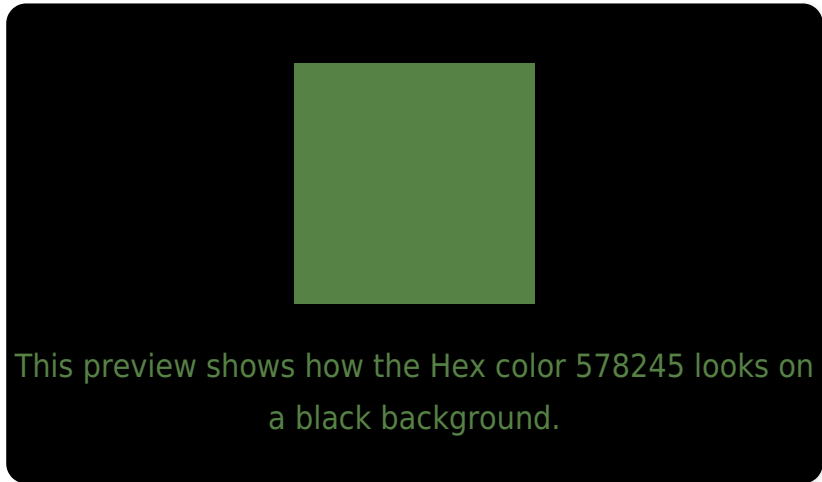
Large Text (above 18pt) WCAG AA ✓ Pass

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

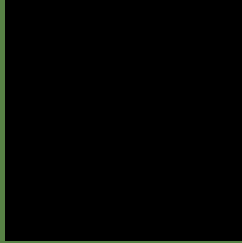
Any Text WCAG AA ✓ Pass

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 578245 Background



This preview shows how black text looks on a background with the Hex color 578245.



This preview shows how white text looks on a background with the Hex color 578245.

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
578245

Protanopia
827741

Deuteranopia
8F7149



Tritanopia
627B85

Trichromacy



Original Color
578245

Protanomaly
727B42

Deuteranomaly
7B7748

Tritanomaly
5E7E6E

Monochromacy



Original Color
578245

Achromatopsia
6E6E6E

Achromatomaly
66755F

CSS Examples

Text

The CSS property to change the color of the text to Hex 578245 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 #578245 looks like.

```
.text, #text, p{  
    color:#578245  
}
```

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 #578245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578245
}
```

Border

The CSS property to change the border of an element to Hex 578245 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
#578245 }
```

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

```
.border{ border-color:#578245 }
```

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

Here you see how a box with a 4 pixel #578245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578245; -webkit-box-shadow:4px 4px  
4px 4px #578245; box-shadow:4px 4px 4px  
4px #578245 }
```

Background

The CSS property to change the background color of an element to Hex 578245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578245 }
```

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

```
.background{ background-color:#578245 }
```

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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