

Converting Colors

Hex(578416)

Have a look what the booklet for
Hex(578416) contains.

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Color

Hex(578416)

Conversions

Conversions Part 1

Format	Color
Hex	578416
RGB	87, 132, 22
RGB Percent	34%, 52%, 9%
CMY	0.6588, 0.4824, 0.9137
CMYK	0.34, 0.00, 0.83, 0.48
HSL	85°, 71%, 30%
HSV	85°, 83%, 52%
XYZ	12.3266, 18.5867, 3.6970
YIQ	106.0050, 8.4900, -43.7500

Conversions

Conversions Part 2

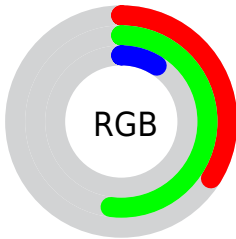
Format	Color
R_{YB}	22, 132, 67
Decimal	5735446
CIE _{Lab}	50.20, -32.26, 49.38
CIE _{LCh}	50, 58.979, 123.157
Yxy	18.5867, 0.3562, 0.5370
Android (android.graphics.Color)	4283925526 (0xFF578416)
YUV	106.0050, -41.4145, -16.6674
Hunter-Lab	43.1123, -24.4102, 25.0944

Details

The Hex color **578416** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **431684**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8DB94D**, and **235200** is the 20% darker color. If you saturate the color by 10%, you get **528409**, and if you desaturate by 10%, it is **5C8423**.

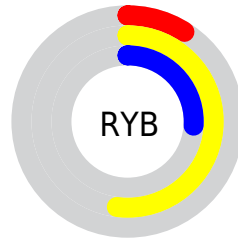
Distribution



Red (34%)

Green (52%)

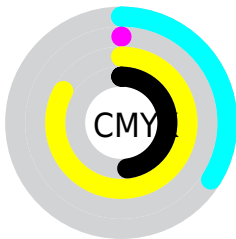
Blue (9%)



Red (9%)

Yellow (52%)

Blue (26%)

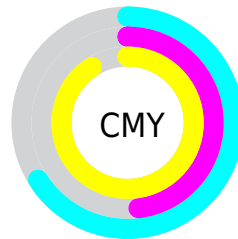


Cyan (34%)

Magenta (0%)

Yellow (83%)

Black (48%)



Cyan (66%)

Magenta (48%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578416 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 578416 by changing the saturation by 10% instead.



578416



578416

FFFFFF



3D6B00



8DB94D



235200



A8D567



003B00



C5F281



002500



E2FF9C



000100



FFFFB8



000000



FFFFD4



FFFFF1



578416



578416

■ 528409

■ 5C8423

■ 4E8400

■ 628430

■ 67843E

■ 6D844B

■ 728458

■ 778465

■ 7D8472

■ 828480

■ 88848D

Harmonies

Analogous

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



8A7700



578416



008B47

Triad

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



578416



0088D1



CF4374

Complementary

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



578416



431684

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.



B750A6



578416



007CDC

Square

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



578416



008EAD



7E68CC



CC4E43

Rectangle

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



578416



008E6A



7E68CC



CB4585

Sweetspot

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



578416



99AB80



844216



4C573D



D6D6D6



575757

Same Dimension

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



578416



65AB00



218416



40423C



4D8200



020300

Inverse Universe

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



431684



4600AB



791684



3E3C42



350082



010003

Previews

White Background



This preview shows how the Hex color 578416 looks on a white background.

Color Contrast Check

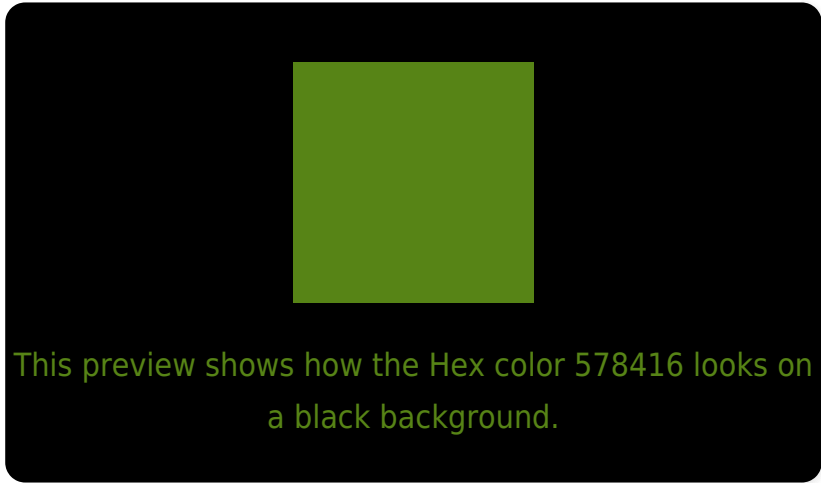
Large Text (above 18pt) WCAG AA ✓ Pass

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 578416 Background



This preview shows how black text looks on a background with the Hex color 578416.



This preview shows how white text looks on a background with the Hex color 578416.

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
578416

Protanopia
867712

Deuteranopia
957121



Tritanopia
647B85

Trichromacy



Original Color
578416

Protanomaly
757C13

Deuteranomaly
7E781D

Tritanomaly
5F7E5D

Monochromacy



Original Color
578416

Achromatopsia
6A6A6A

Achromatomaly
63734B

CSS Examples

Text

The CSS property to change the color of the text to Hex 578416 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 #578416 looks like.

```
.text, #text, p{  
    color:#578416  
}
```

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 #578416 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578416
}
```

Border

The CSS property to change the border of an element to Hex 578416 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
#578416 }
```

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

```
.border{ border-color:#578416 }
```

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

Here you see how a box with a 4 pixel #578416 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578416; -webkit-box-shadow:4px 4px  
4px 4px #578416; box-shadow:4px 4px 4px  
4px #578416 }
```

Background

The CSS property to change the background color of an element to Hex 578416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578416 }
```

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

```
.background{ background-color:#578416 }
```

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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