

Converting Colors

Hex(584107)

Have a look what the booklet for
Hex(584107) contains.

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Color

Hex(584107)

Conversions

Conversions Part 1

Format	Color
Hex	584107
RGB	88, 65, 7
RGB Percent	35%, 25%, 3%
CMY	0.6549, 0.7451, 0.9725
CMYK	0.00, 0.26, 0.92, 0.65
HSL	43°, 85%, 19%
HSV	43°, 92%, 35%
XYZ	5.9531, 5.8706, 1.0204
YIQ	65.2650, 32.3260, -13.1620

Conversions

Conversions Part 2

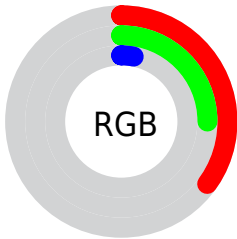
Format	Color
R_YB	39, 88, 7
Decimal	5783815
CIE Lab	29.08, 4.24, 35.56
CIE LCh	29, 35.816, 83.201
Yxy	5.8706, 0.4635, 0.4571
Android (android.graphics.Color)	4283973895 (0xFF584107)
YUV	65.2650, -28.7246, 19.9386
Hunter-Lab	24.2294, 1.4559, 14.4637

Details

The Hex color **584107** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **071E58**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8D7137**, and **261700** is the 20% darker color. If you saturate the color by 10%, you get **583F00**, and if you desaturate by 10%, it is **584310**.

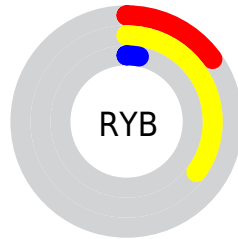
Distribution



Red (35%)

Green (25%)

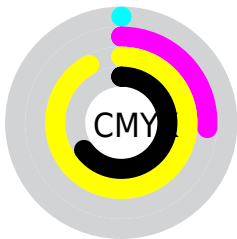
Blue (3%)



Red (15%)

Yellow (35%)

Blue (3%)

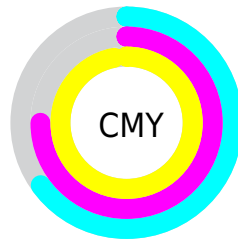


Cyan (0%)

Magenta (26%)

Yellow (92%)

Black (65%)



Cyan (65%)

Magenta (75%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584107 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 584107 by changing the saturation by 10% instead.

 584107

 584107

 FFFFF0

 3F2B00

 8D7137

 261700

 A98A4F

 010000

 C5A468

 000000

 E2BF82

 FFDB9C

 FFF7B7

 FFFFD3

 584107

 584107

■ 583F00

■ 584310

■ 584619

■ 584821

■ 584B2A

■ 584D33

■ 58503C

■ 585245

■ 58554D

■ 585756

Harmonies

Analogous

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



6C3618



584107



3E490B

Triad

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



584107



00525A



603466

Complementary

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



584107



071E58

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.



394078



584107



004F70

Square

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



584107



00513D



004A7C



732B4C

Rectangle

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



584107



284D19



004A7C



56386D

Sweetspot

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



584107



736A53



58071F



3B3527



BABABA



3B3B3B

Same Dimension

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



584107



735200



485807



2B2A27



6B4D00



EBA800

Inverse Universe

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



071E58



002173



170758



27282B



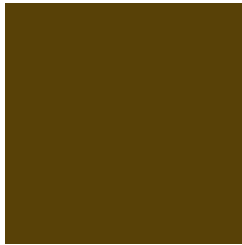
001E6B



0043EB

Previews

White Background



This preview shows how the Hex color 584107 looks on a white background.

Color Contrast Check

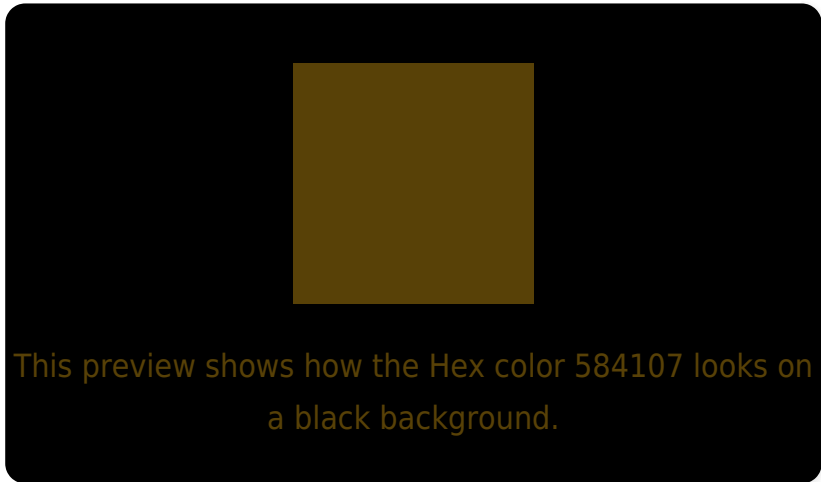
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

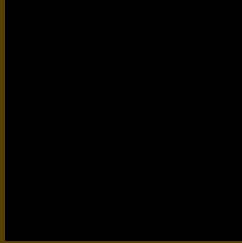
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 584107 Background



This preview shows how black text looks on a background with the Hex color 584107.



This preview shows how white text looks on a background with the Hex color 584107.

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
584107

Protanopia
4E4509

Deuteranopia
574106



Tritanopia
5B3C41

Trichromacy



Original Color
584107

Protanomaly
524408

Deuteranomaly
574106

Tritanomaly
5A3E2C

Monochromacy



Original Color
584107

Achromatopsia
414141

Achromatomaly
49412C

CSS Examples

Text

The CSS property to change the color of the text to Hex 584107 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 #584107 looks like.

```
.text, #text, p{  
    color:#584107  
}
```

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 #584107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584107
}
```

Border

The CSS property to change the border of an element to Hex 584107 is called "border". The border property can be set on classes, ids or directly on the HTML element.

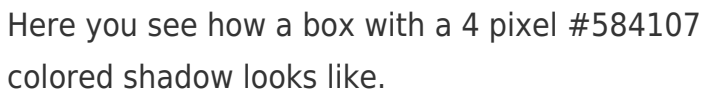
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584107 }
```

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

```
.border{ border-color:#584107 }
```

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



Here you see how a box with a 4 pixel #584107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584107; -webkit-box-shadow:4px 4px  
4px 4px #584107; box-shadow:4px 4px 4px  
4px #584107 }
```

Background

The CSS property to change the background color of an element to Hex 584107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584107 }
```

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

```
.background{ background-color:#584107 }
```

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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