

Converting Colors

Hex(584C0D)

Have a look what the booklet for
Hex(584C0D) contains.

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Color

Hex(584C0D)

Conversions

Conversions Part 1

Format	Color
Hex	584C0D
RGB	88, 76, 13
RGB Percent	35%, 30%, 5%
CMY	0.6549, 0.7020, 0.9490
CMYK	0.00, 0.14, 0.85, 0.65
HSL	50°, 74%, 20%
HSV	50°, 85%, 35%
XYZ	6.6816, 7.2726, 1.4324
YIQ	72.4060, 27.3750, -17.0490

Conversions

Conversions Part 2

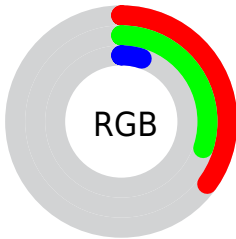
Format	Color
RYB	27, 88, 13
Decimal	5786637
CIELab	32.42, -2.35, 36.27
CIElCh	32, 36.345, 93.707
Yxy	7.2726, 0.4342, 0.4727
Android (android.graphics.Color)	4283976717 (0xFF584C0D)
YUV	72.4060, -29.2872, 13.6759
Hunter-Lab	26.9678, -2.9683, 15.7284

Details

The Hex color **584C0D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **0D1958**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8D7D3D**, and **272000** is the 20% darker color. If you saturate the color by 10%, you get **584B04**, and if you desaturate by 10%, it is **584D16**.

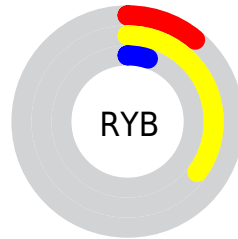
Distribution



Red (35%)

Green (30%)

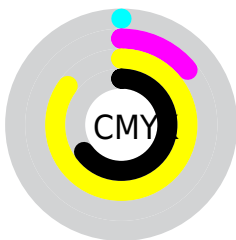
Blue (5%)



Red (11%)

Yellow (35%)

Blue (5%)

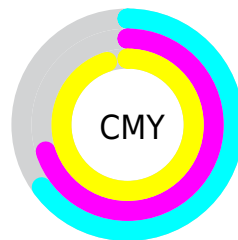


Cyan (0%)

Magenta (14%)

Yellow (85%)

Black (65%)



Cyan (65%)

Magenta (70%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584C0D 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 584C0D by changing the saturation by 10% instead.

 584C0D

 584C0D

 FFFFF8

 403500

 8D7D3D

 272000

 A89656

 070A00

 C4B16F

 000000

 E1CC89

 FEE8A3

 FFFFBF

 FFFFDB

 584C0D

 584C0D

■ 584B04

■ 584D16

■ 584A00

■ 584F1F

■ 585027

■ 585230

■ 585339

■ 585442

■ 58564B

■ 585753

■ 58595C

Harmonies

Analogous

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



6F4118



584C0D



3B5419

Triad

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



584C0D



00596B



723766

Complementary

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



584C0D



0D1958

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.



52437C



584C0D



00567F

Square

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



584C0D



005A4F



0B4E85



80314A

Rectangle

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



584C0D



205729



0B4E85



693B6E

Sweetspot

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



584C0D



736E55



580D1A



3B3828



BABABA



3B3B3B

Same Dimension

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



584C0D



736000



3F580D



2B2B27



6B5A00



EBC500

Inverse Universe

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



0D1958



001273



260D58



27282B



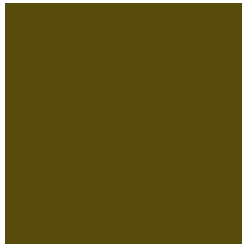
00116B



0026EB

Previews

White Background



This preview shows how the Hex color 584C0D looks on a white background.

Color Contrast Check

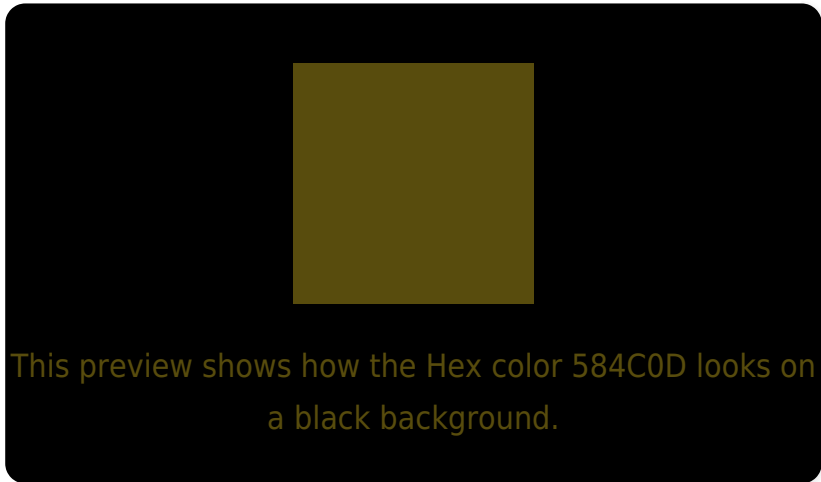
Large Text (above 18pt) WCAG AA ✓ Pass

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

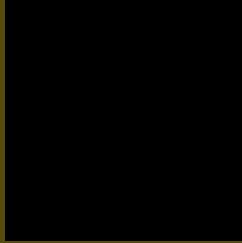
Any Text WCAG AA × Fail

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 584C0D Background



This preview shows how black text looks on a background with the Hex color 584C0D.



This preview shows how white text looks on a background with the Hex color 584C0D.

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
584C0D

Protanopia
564D0D

Deuteranopia
60490F



Tritanopia
5C474C

Trichromacy



Original Color
584C0D

Protanomaly
574D0D

Deuteranomaly
5D4A0E

Tritanomaly
5B4935

Monochromacy



Original Color
584C0D

Achromatopsia
484848

Achromatomaly
4E4933

CSS Examples

Text

The CSS property to change the color of the text to Hex 584C0D 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 #584C0D looks like.

```
.text, #text, p{  
    color:#584C0D  
}
```

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 #584C0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584C0D
}
```

Border

The CSS property to change the border of an element to Hex 584C0D 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
#584C0D }
```

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

```
.border{ border-color:#584C0D }
```

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

Here you see how a box with a 4 pixel #584C0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584C0D; -webkit-box-shadow:4px 4px  
4px 4px #584C0D; box-shadow:4px 4px 4px  
4px #584C0D }
```

Background

The CSS property to change the background color of an element to Hex 584C0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584C0D }
```

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

```
.background{ background-color:#584C0D }
```

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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