

Converting Colors

Hex(584516)

Have a look what the booklet for
Hex(584516) contains.

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Color

Hex(584516)

Conversions

Conversions Part 1

Format	Color
Hex	584516
RGB	88, 69, 22
RGB Percent	35%, 27%, 9%
CMY	0.6549, 0.7294, 0.9137
CMYK	0.00, 0.22, 0.75, 0.65
HSL	43°, 60%, 22%
HSV	43°, 75%, 35%
XYZ	6.2974, 6.3889, 1.6603
YIQ	69.3230, 26.4110, -10.5890

Conversions

Conversions Part 2

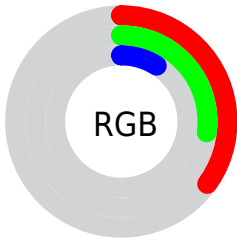
Format	Color
RYB	49, 88, 22
Decimal	5784854
CIELab	30.37, 2.44, 30.36
CIELCh	30, 30.456, 85.407
Yxy	6.3889, 0.4389, 0.4453
Android (android.graphics.Color)	4283974934 (0xFF584516)
YUV	69.3230, -23.3302, 16.3797
Hunter-Lab	25.2762, 0.2390, 13.7988

Details

The Hex color **584516** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **162958**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8C7544**, and **271A00** is the 20% darker color. If you saturate the color by 10%, you get **58420D**, and if you desaturate by 10%, it is **58481F**.

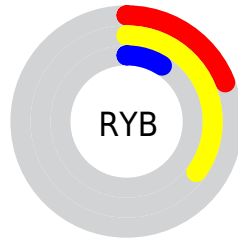
Distribution



 Red (35%)

 Green (27%)

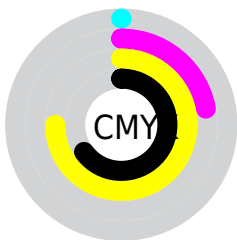
 Blue (9%)



 Red (19%)

 Yellow (35%)

 Blue (9%)

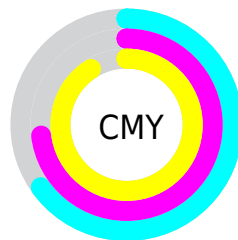


 Cyan (0%)

 Magenta (22%)

 Yellow (75%)

 Black (65%)



 Cyan (65%)

 Magenta (73%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584516 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 584516 by changing the saturation by 10% instead.

 584516

 584516

FFFFFFE

 3F2F00

 8C7544

 271A00

 A88E5C

 080000

 C4A975

 000000

 E0C48F

 FDE0AA

 FFFDC5

 FFFFE1

 584516

 584516

■ 58420D

■ 58481F

■ 584004

■ 584A28

■ 583F00

■ 584D30

■ 584F39

■ 585242

■ 58544B

■ 585754

■ 58595C

■ 585C65

Harmonies

Analogous

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



6A3C21



584516



414C1A

Triad

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



584516



00535B



613963

Complementary

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



584516



162958

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.



434372



584516



00516E

Square

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



584516



005343



014B77



71334C

Rectangle

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



584516



2E5025



014B77



593C69

Sweetspot

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



584516



736B58



58162A



3B362A



BABABA



3B3B3B

Same Dimension

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



584516



73550B



4B5816



2B2A27



6B4C00



EBA700

Inverse Universe

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



162958



0B2973



231658



27282B



001F6B



0044EB

Previews

White Background



This preview shows how the Hex color 584516 looks on a white background.

Color Contrast Check

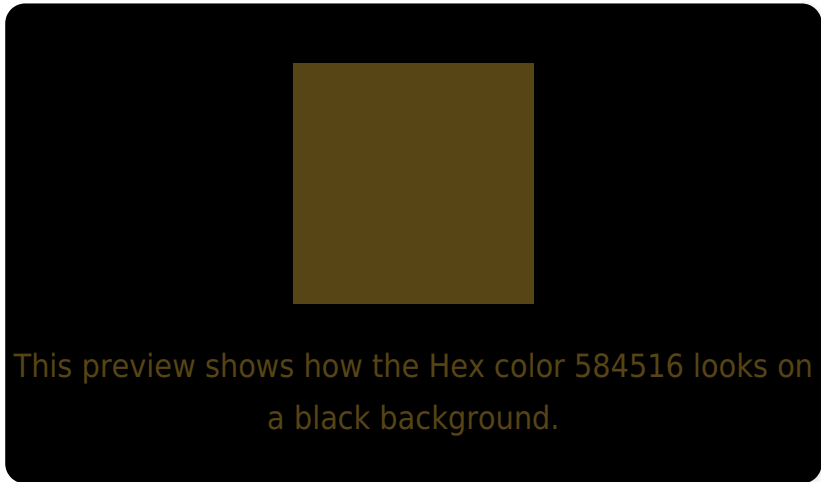
Large Text (above 18pt) WCAG AA ✓ Pass

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

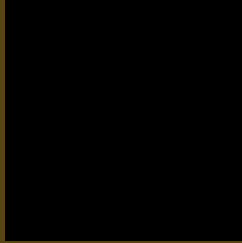
Any Text WCAG AA × Fail

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 584516 Background



This preview shows how black text looks on a background with the Hex color 584516.



This preview shows how white text looks on a background with the Hex color 584516.

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
584516

Protanopia
504817

Deuteranopia
5A4416



Tritanopia
5B4045

Trichromacy



Original Color
584516

Protanomaly
534717

Deuteranomaly
594416

Tritanomaly
5A4234

Monochromacy



Original Color
584516

Achromatopsia
454545

Achromatomaly
4C4534

CSS Examples

Text

The CSS property to change the color of the text to Hex 584516 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 #584516 looks like.

```
.text, #text, p{  
    color:#584516  
}
```

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 #584516 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584516
}
```

Border

The CSS property to change the border of an element to Hex 584516 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".

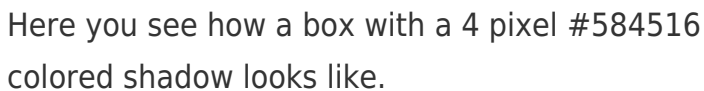
```
.border, #border, table{ border:4px solid
#584516 }
```

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

```
.border{ border-color:#584516 }
```

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

Here you see how a box with a 4 pixel #584516 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584516; -webkit-box-shadow:4px 4px  
4px 4px #584516; box-shadow:4px 4px 4px  
4px #584516 }
```

Background

The CSS property to change the background color of an element to Hex 584516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584516 }
```

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

```
.background{ background-color:#584516 }
```

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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