

Converting Colors

Hex(584400)

Have a look what the booklet for
Hex(584400) contains.

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Color

Hex(584400)

Conversions

Conversions Part 1

Format	Color
Hex	584400
RGB	88, 68, 0
RGB Percent	35%, 27%, 0%
CMY	0.6549, 0.7333, 1.0000
CMYK	0.00, 0.23, 1.00, 0.65
HSL	46°, 100%, 17%
HSV	46°, 100%, 35%
XYZ	6.0916, 6.2090, 0.8774
YIQ	66.2280, 33.7480, -16.9080

Conversions

Conversions Part 2

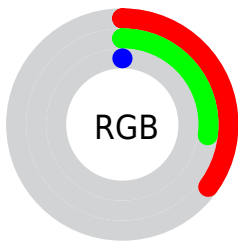
Format	Color
R_{YB}	26, 88, 0
Decimal	5784576
CIE Lab	29.93, 2.10, 39.06
CIE LCh	30, 39.117, 86.916
Yxy	6.2090, 0.4623, 0.4712
Android (android.graphics.Color)	4283974656 (0xFF584400)
YUV	66.2280, -32.6504, 19.0940
Hunter-Lab	24.9178, 0.0316, 15.3548

Details

The Hex color **584400** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **001458**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8D7432**, and **261A00** is the 20% darker color. If you saturate the color by 10%, you get **584400**, and if you desaturate by 10%, it is **584609**.

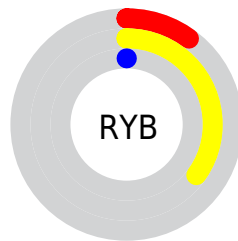
Distribution



Red (35%)

Green (27%)

Blue (0%)



Red (10%)

Yellow (35%)

Blue (0%)

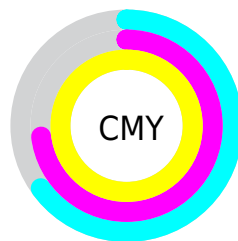


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584400 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 584400 by changing the saturation by 10% instead.

 584400

 584400

 FFFFEB

 3F2E00

 8D7432

 261A00

 A98D4B

 050000

 C5A863

 000000

 E2C37D

 FFDF97

 FFFBB3

 FFFFCE

 584400

 584609

 584812

 584A1A

 584C23

 584E2C

 585035

 58523E

 585446

 58564F

Harmonies

Analogous

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



6F3812



584400



3B4D08

Triad

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



584400



005461



683268

Complementary

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



584400



001458

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.



40407D



584400



005279

Square

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



584400



005442



004B83



7A284B

Rectangle

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



584400



20511A



004B83



5D3670

Sweetspot

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



584400



736B50



580015



3B3626



BABABA



3B3B3B

Same Dimension

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



584400



735900



415800



2B2A27



6B5300



EBB500

Inverse Universe

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



001458



001A73



170058



27282B



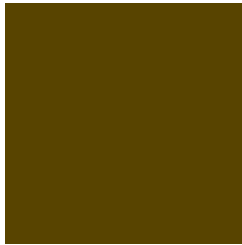
00186B



0035EB

Previews

White Background



This preview shows how the Hex color 584400 looks on a white background.

Color Contrast Check

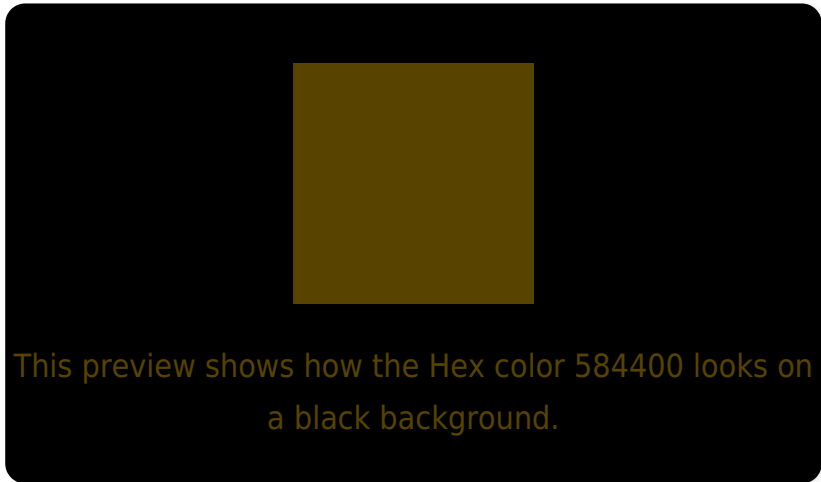
Large Text (above 18pt) WCAG AA ✓ Pass

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

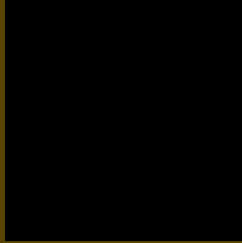
Any Text WCAG AA × Fail

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 584400 Background



This preview shows how black text looks on a background with the Hex color 584400.



This preview shows how white text looks on a background with the Hex color 584400.

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
584400

Protanopia
504704

Deuteranopia
5A4304



Tritanopia
5B3F44

Trichromacy



Original Color
584400

Protanomaly
534603

Deuteranomaly
594303

Tritanomaly
5A412B

Monochromacy



Original Color
584400

Achromatopsia
424242

Achromatomaly
4A432A

CSS Examples

Text

The CSS property to change the color of the text to Hex 584400 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 #584400 looks like.

```
.text, #text, p{  
    color:#584400  
}
```

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 #584400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584400
}
```

Border

The CSS property to change the border of an element to Hex 584400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

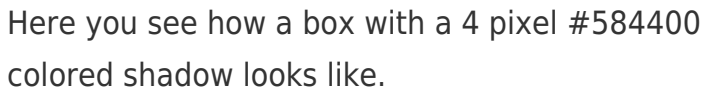
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584400 }
```

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

```
.border{ border-color:#584400 }
```

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



Here you see how a box with a 4 pixel #584400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584400; -webkit-box-shadow:4px 4px  
4px 4px #584400; box-shadow:4px 4px 4px  
4px #584400 }
```

Background

The CSS property to change the background color of an element to Hex 584400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584400 }
```

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

```
.background{ background-color:#584400 }
```

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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