

Converting Colors

Hex(584506)

Have a look what the booklet for
Hex(584506) contains.

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Color

Hex(584506)

Conversions

Conversions Part 1

Format	Color
Hex	584506
RGB	88, 69, 6
RGB Percent	35%, 27%, 2%
CMY	0.6549, 0.7294, 0.9765
CMYK	0.00, 0.22, 0.93, 0.65
HSL	46°, 87%, 18%
HSV	46°, 93%, 35%
XYZ	6.1855, 6.3441, 1.0708
YIQ	67.4990, 31.5470, -15.5650

Conversions

Conversions Part 2

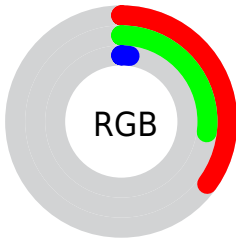
Format	Color
R_{YB}	31, 88, 6
Decimal	5784838
CIE Lab	30.26, 1.70, 36.92
CIE LCh	30, 36.956, 87.362
Yxy	6.3441, 0.4548, 0.4665
Android (android.graphics.Color)	4283974918 (0xFF584506)
YUV	67.4990, -30.3190, 17.9794
Hunter-Lab	25.1875, -0.2424, 15.1106

Details

The Hex color **584506** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **061958**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8D7537**, 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 **58470F**.

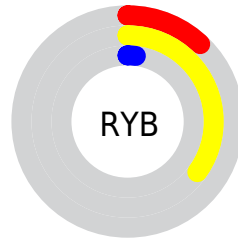
Distribution



Red (35%)

Green (27%)

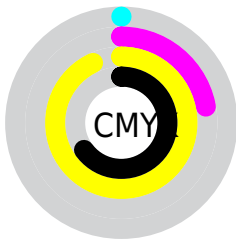
Blue (2%)



Red (12%)

Yellow (35%)

Blue (2%)

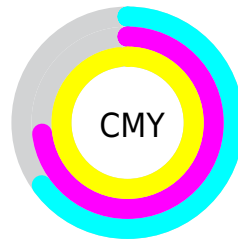


Cyan (0%)

Magenta (22%)

Yellow (93%)

Black (65%)



Cyan (65%)

Magenta (73%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584506 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 584506 by changing the saturation by 10% instead.

 584506

 584506

 FFFFF0

 3F2F00

 8D7537

 261A00

 A98E4F

 060000

 C5A968

 000000

 E2C482

 FFE09C

 FFFCB8

 FFFF00

 584506

 584506

■ 584400

■ 58470F

■ 584918

■ 584B20

■ 584D29

■ 584F32

■ 58513B

■ 585344

■ 58554C

■ 585755

Harmonies

Analogous

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



6E3A16



584506



3C4D0E

Triad

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



584506



005561



683467

Complementary

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



584506



061958

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.



43417B



584506



005277

Square

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



584506



005544



004B81



792C4B

Rectangle

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



584506



24511E



004B81



5E386F

Sweetspot

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



584506



736B53



580619



3B3627



BABABA



3B3B3B

Same Dimension

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



584506



735800



425806



2B2A27



6B5200



EBB400

Inverse Universe

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



061958



001B73



1C0658



27282B



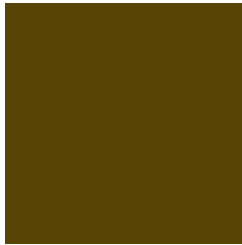
00196B



0036EB

Previews

White Background



This preview shows how the Hex color 584506 looks on a white background.

Color Contrast Check

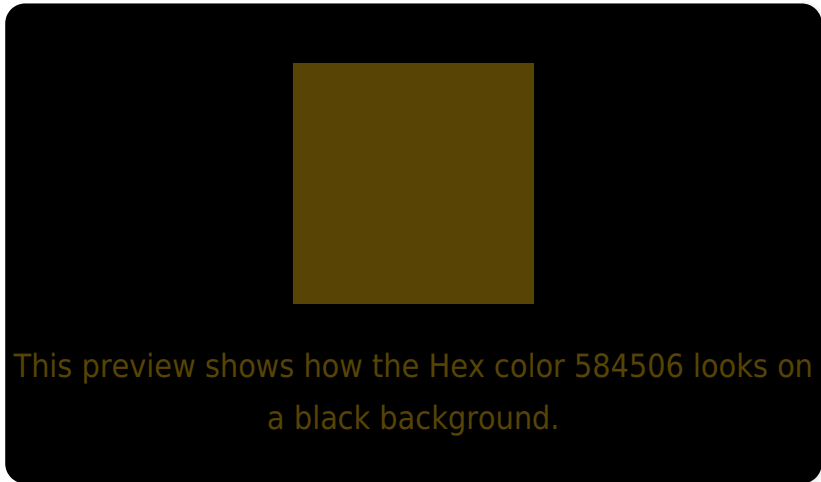
Large Text (above 18pt) WCAG AA ✓ Pass

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

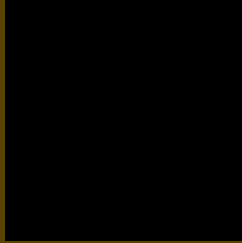
Any Text WCAG AA × Fail

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 584506 Background



This preview shows how black text looks on a background with the Hex color 584506.



This preview shows how white text looks on a background with the Hex color 584506.

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
584506

Protanopia
514807

Deuteranopia
5B4408



Tritanopia
5B4045

Trichromacy



Original Color
584506

Protanomaly
544707

Deuteranomaly
5A4407

Tritanomaly
5A422E

Monochromacy



Original Color
584506

Achromatopsia
434343

Achromatomaly
4B442D

CSS Examples

Text

The CSS property to change the color of the text to Hex 584506 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 #584506 looks like.

```
.text, #text, p{  
    color:#584506  
}
```

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 #584506 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584506  
}
```

Border

The CSS property to change the border of an element to Hex 584506 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  
#584506 }
```

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

```
.border{ border-color:#584506 }
```

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

Here you see how a box with a 4 pixel #584506 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584506; -webkit-box-shadow:4px 4px  
4px 4px #584506; box-shadow:4px 4px 4px  
4px #584506 }
```

Background

The CSS property to change the background color of an element to Hex 584506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584506 }
```

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

```
.background{ background-color:#584506 }
```

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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