

Converting Colors

Hex(504802)

Have a look what the booklet for
Hex(504802) contains.

Hex(504802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(504802)

Conversions

Conversions Part 1

Format	Color
Hex	504802
RGB	80, 72, 2
RGB Percent	31%, 28%, 1%
CMY	0.6863, 0.7176, 0.9922
CMYK	0.00, 0.10, 0.98, 0.69
HSL	54°, 95%, 16%
HSV	54°, 98%, 31%
XYZ	5.6366, 6.3446, 0.9850
YIQ	66.4120, 27.2380, -20.0740

Conversions

Conversions Part 2

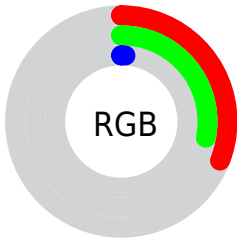
Format	Color
R_{YB}	11, 80, 2
Decimal	5261314
CIE _{Lab}	30.27, -4.44, 38.10
CIE _{LCh}	30, 38.353, 96.645
Yxy	6.3446, 0.4347, 0.4893
Android (android.graphics.Color)	4283451394 (0xFF504802)
YUV	66.4120, -31.7551, 11.9167
Hunter-Lab	25.1885, -4.1357, 15.3134

Details

The Hex color **504802** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **020A50**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **847834**, and **1F1D00** is the 20% darker color. If you saturate the color by 10%, you get **504800**, and if you desaturate by 10%, it is **50490A**.

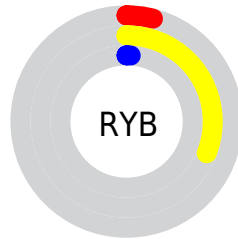
Distribution



Red (31%)

Green (28%)

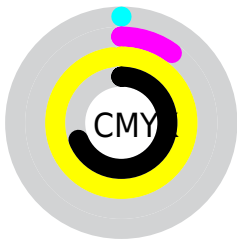
Blue (1%)



Red (4%)

Yellow (31%)

Blue (1%)

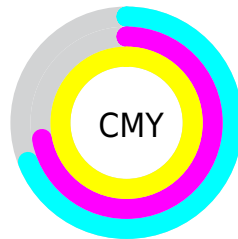


Cyan (0%)

Magenta (10%)

Yellow (98%)

Black (69%)



Cyan (69%)

Magenta (72%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 504802 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 504802 by changing the saturation by 10% instead.

 504802

 504802

 FFFFED

 383200

 847834

 1F1D00

 9F924D

 000200

 BBAC66

 000000

 D8C77F

 F5E39A

 FFFFB5

 FFFFD1

 504802

 504802

■ 504800

■ 50490A

■ 504A12

■ 504A1A

■ 504B22

■ 504C2A

■ 504D32

■ 504E3A

■ 504F42

■ 504F4A

Harmonies

Analogous

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



693D0D



504802



304F13

Triad

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



504802



00556A



702F60

Complementary

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



504802



020A50

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.



513C77



504802



00517E

Square

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



504802



00554D



004983



7D2A42

Rectangle

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



504802



0E5325



004983



683369

Sweetspot

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



504802



69654A



50020B



363423



B5B5B5



363636

Same Dimension

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



504802



695E00



325002



292825



E8D000

Inverse Universe

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



020A50



000B69



200250



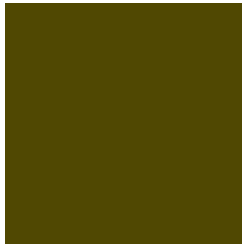
252529



0018E8

Previews

White Background



This preview shows how the Hex color 504802 looks on a white background.

Color Contrast Check

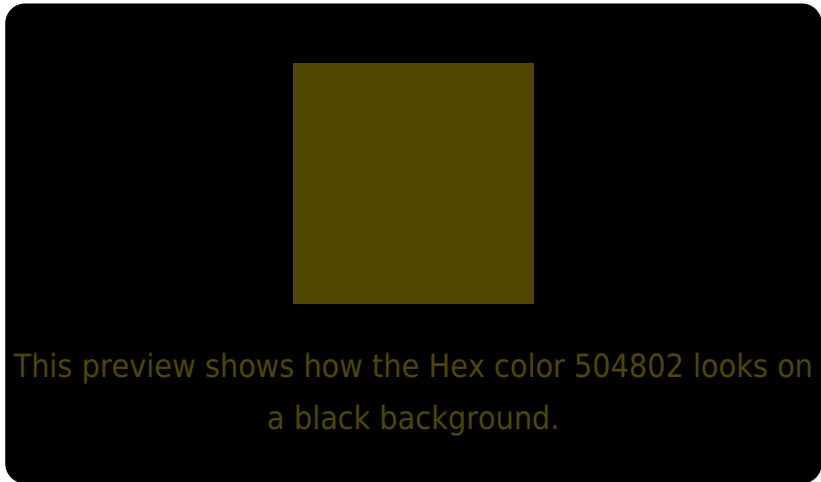
Large Text (above 18pt) WCAG AA ✓ Pass

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 504802 Background



This preview shows how black text looks on a background with the Hex color 504802.



This preview shows how white text looks on a background with the Hex color 504802.

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](#).

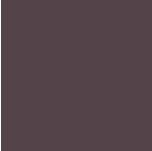
Dichromacy



Original Color
504802

Protanopia
514801

Deuteranopia
5A4409



Tritanopia
544348

Trichromacy



Original Color
504802

Protanomaly
514801

Deuteranomaly
564506

Tritanomaly
53452F

Monochromacy



Original Color
504802

Achromatopsia
424242

Achromatomaly
47442B

CSS Examples

Text

The CSS property to change the color of the text to Hex 504802 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 #504802 looks like.

```
.text, #text, p{  
    color:#504802  
}
```

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 #504802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504802
}
```

Border

The CSS property to change the border of an element to Hex 504802 is called "border". The border property can be set on classes, ids or directly on the HTML element.

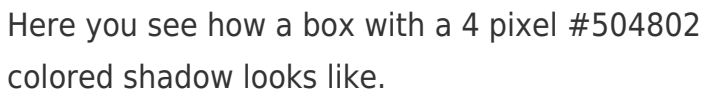
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#504802 }
```

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

```
.border{ border-color:#504802 }
```

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



Here you see how a box with a 4 pixel #504802 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504802; -webkit-box-shadow:4px 4px  
4px 4px #504802; box-shadow:4px 4px 4px  
4px #504802 }
```

Background

The CSS property to change the background color of an element to Hex 504802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504802 }
```

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

```
.background{ background-color:#504802 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor