

Converting Colors

Hex(504816)

Have a look what the booklet for
Hex(504816) contains.

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Color

Hex(504816)

Conversions

Conversions Part 1

Format	Color
Hex	504816
RGB	80, 72, 22
RGB Percent	31%, 28%, 9%
CMY	0.6863, 0.7176, 0.9137
CMYK	0.00, 0.10, 0.72, 0.69
HSL	52°, 57%, 20%
HSV	52°, 72%, 31%
XYZ	5.7704, 6.3981, 1.6899
YIQ	68.6920, 20.8180, -13.8540

Conversions

Conversions Part 2

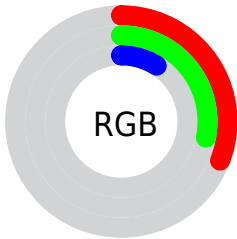
Format	Color
R_{YB}	31, 80, 22
Decimal	5261334
CIE Lab	30.40, -3.47, 30.10
CIE LCh	30, 30.303, 96.569
Yxy	6.3981, 0.4164, 0.4617
Android (android.graphics.Color)	4283451414 (0xFF504816)
YUV	68.6920, -23.0192, 9.9171
Hunter-Lab	25.2945, -3.5442, 13.7451

Details

The Hex color **504816** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **161E50**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **837844**, and **211D00** is the 20% darker color. If you saturate the color by 10%, you get **50470E**, and if you desaturate by 10%, it is **50491E**.

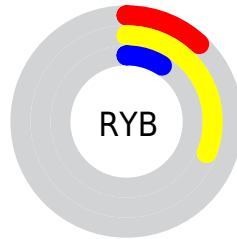
Distribution



 Red (31%)

 Green (28%)

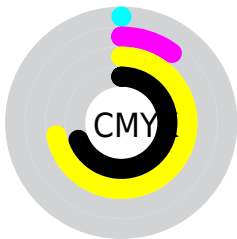
 Blue (9%)



 Red (12%)

 Yellow (31%)

 Blue (9%)

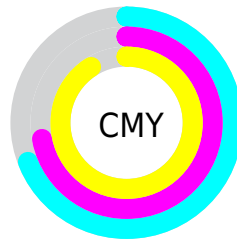


 Cyan (0%)


 Magenta (10%)

 Yellow (72%)

 Black (69%)



 Cyan (69%)

 Magenta (72%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 504816 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 504816 by changing the saturation by 10% instead.

 504816

 504816

FFFFFFE

 383200

 837844

 211D00

 9E925C

 000300

 BAAC75

 000000

 D6C88F

 F3E4AA

 FFFFC5

 FFFFE1

 504816

 504816

■ 50470E

■ 50491E

■ 504606

■ 504A26

■ 504500

■ 504B2E

■ 504C36

■ 504E3E

■ 504F46

■ 50504E

■ 505156

■ 50525E

Harmonies

Analogous

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



64401C



504816



374E20

Triad

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



504816



005263



69365B

Complementary

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



504816



161E50

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.



503F6E



504816



004F73

Square

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



504816



00534C



254876



733343

Rectangle

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



504816



22512C



254876



623962

Sweetspot

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



504816



696552



50161F



363428



B5B5B5



363636

Same Dimension

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



504816



695C0E



3C5016



292825



695A00



E8C800

Inverse Universe

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



161E50



0E1A69



2A1650



252529



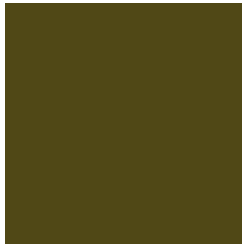
000E69



0020E8

Previews

White Background



This preview shows how the Hex color 504816 looks on a white background.

Color Contrast Check

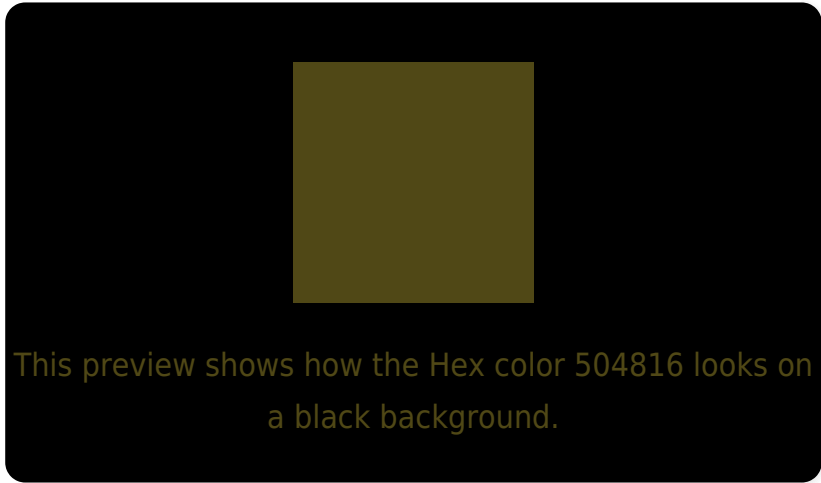
Large Text (above 18pt) WCAG AA ✓ Pass

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

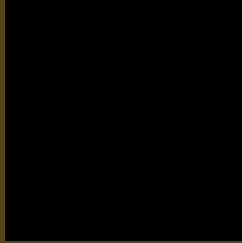
Any Text WCAG AA × Fail

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 504816 Background



This preview shows how black text looks on a background with the Hex color 504816.



This preview shows how white text looks on a background with the Hex color 504816.

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](#).

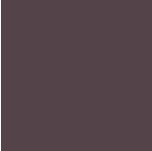
Dichromacy



Original Color
504816

Protanopia
504816

Deuteranopia
5A4417



Tritanopia
544348

Trichromacy



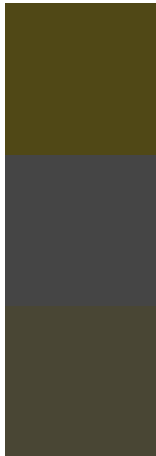
Original Color
504816

Protanomaly
504816

Deuteranomaly
564517

Tritanomaly
534536

Monochromacy



Original Color
504816

Achromatopsia
454545

Achromatomaly
494634

CSS Examples

Text

The CSS property to change the color of the text to Hex 504816 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 #504816 looks like.

```
.text, #text, p{  
    color:#504816  
}
```

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 #504816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504816  
}
```

Border

The CSS property to change the border of an element to Hex 504816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

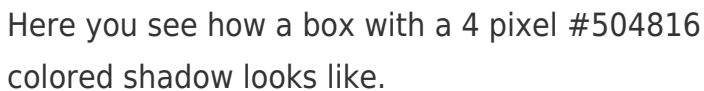
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#504816 }
```

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

```
.border{ border-color:#504816 }
```

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



Here you see how a box with a 4 pixel #504816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504816; -webkit-box-shadow:4px 4px  
4px 4px #504816; box-shadow:4px 4px 4px  
4px #504816 }
```

Background

The CSS property to change the background color of an element to Hex 504816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504816 }
```

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

```
.background{ background-color:#504816 }
```

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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