

Converting Colors

Hex(502816)

Have a look what the booklet for
Hex(502816) contains.

Hex(502816)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(502816)

Conversions

Conversions Part 1

Format	Color
Hex	502816
RGB	80, 40, 22
RGB Percent	31%, 16%, 9%
CMY	0.6863, 0.8431, 0.9137
CMYK	0.00, 0.50, 0.72, 0.69
HSL	19°, 57%, 20%
HSV	19°, 72%, 31%
XYZ	4.2119, 3.2810, 1.1704
YIQ	49.9080, 29.6180, 2.8820

Conversions

Conversions Part 2

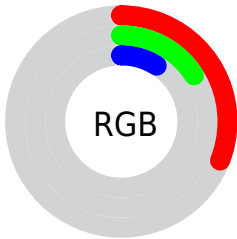
Format	Color
RYB	80, 48, 22
Decimal	5253142
CIELab	21.14, 16.87, 19.89
CIELCh	21, 26.078, 49.699
Yxy	3.2810, 0.4862, 0.3787
Android (android.graphics.Color)	4283443222 (0xFF502816)
YUV	49.9080, -13.7586, 26.3907
Hunter-Lab	18.1135, 9.8075, 8.8486

Details

The Hex color **502816** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **163E50**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **845641**, and **210000** is the 20% darker color. If you saturate the color by 10%, you get **50220E**, and if you desaturate by 10%, it is **502E1E**.

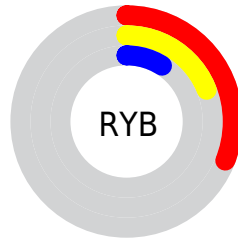
Distribution



Red (31%)

Green (16%)

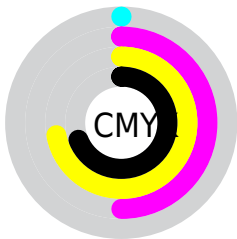
Blue (9%)



Red (31%)

Yellow (19%)

Blue (9%)

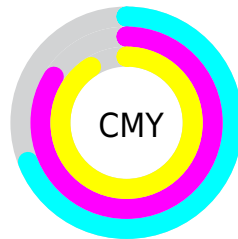


Cyan (0%)

Magenta (50%)

Yellow (72%)

Black (69%)



Cyan (69%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502816 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 502816 by changing the saturation by 10% instead.

 502816

 502816

 FFFFF9

 381300

 845641

 210000

 A06E59

 000000

 BC8871

 D8A28B

 F5BDA5

 FFD9C0

 FFF6DC

 502816

 502816

■ 50220E

■ 502E1E

■ 501D06

■ 503326

■ 501900

■ 50392E

■ 503E36

■ 50443E

■ 504946

■ 504F4E

■ 505456

■ 505A5E

Harmonies

Analogous

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



562227



502816



432F0A

Triad

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



502816



003C2B



283057

Complementary

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



502816



163E50

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.



003758



502816



003C3F

Square

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



502816



1A3A19



003B50



44284C

Rectangle

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



502816



373409



003B50



1A3359

Sweetspot

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



502816



695952



50163F



362C28



B5B5B5



363636

Same Dimension

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



502816



692A0E



504416



292625



692000



E84800

Inverse Universe

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



163E50



0E4C69



162250



252829



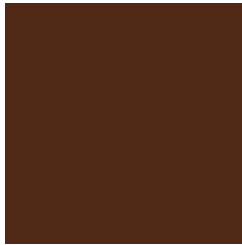
004869



00A0E8

Previews

White Background



This preview shows how the Hex color 502816 looks on a white background.

Color Contrast Check

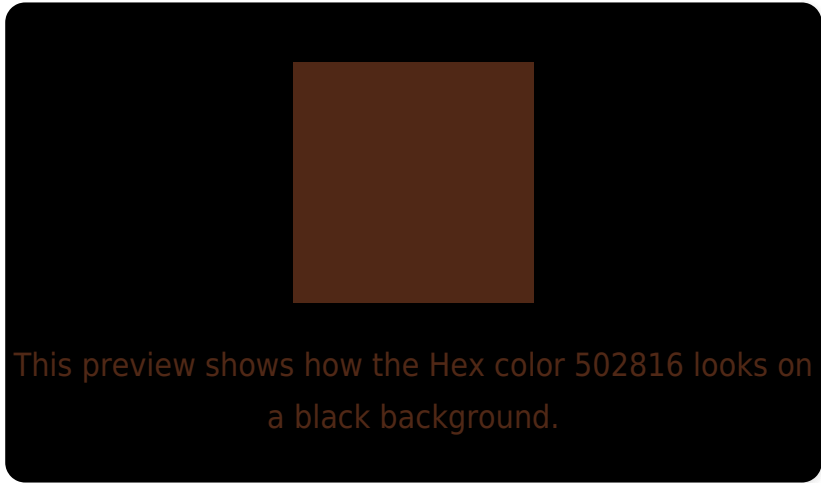
Large Text (above 18pt) WCAG AA ✓ Pass

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 502816 Background



This preview shows how black text looks on a background with the Hex color 502816.

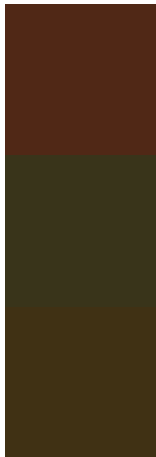


This preview shows how white text looks on a background with the Hex color 502816.

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
502816

Protanopia
39341A

Deuteranopia
403114



Tritanopia
512628

Trichromacy



Original Color
502816

Protanomaly
413019

Deuteranomaly
462E15

Tritanomaly
512721

Monochromacy



Original Color
502816

Achromatopsia
323232

Achromatomaly
3D2E28

CSS Examples

Text

The CSS property to change the color of the text to Hex 502816 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 #502816 looks like.

```
.text, #text, p{  
    color:#502816  
}
```

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 #502816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502816
}
```

Border

The CSS property to change the border of an element to Hex 502816 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".

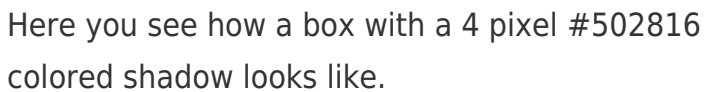
```
.border, #border, table{ border:4px solid
#502816 }
```

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

```
.border{ border-color:#502816 }
```

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

Here you see how a box with a 4 pixel #502816 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502816; -webkit-box-shadow:4px 4px  
4px 4px #502816; box-shadow:4px 4px 4px  
4px #502816 }
```

Background

The CSS property to change the background color of an element to Hex 502816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502816 }
```

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

```
.background{ background-color:#502816 }
```

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