

# Converting Colors

Hex(502B18)

Have a look what the booklet for  
Hex(502B18) contains.

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**Color**

**Hex(502B18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	502B18
RGB	80, 43, 24
RGB Percent	31%, 17%, 9%
CMY	0.6863, 0.8314, 0.9059
CMYK	0.00, 0.46, 0.70, 0.69
HSL	20°, 54%, 20%
HSV	20°, 70%, 31%
XYZ	4.3370, 3.4992, 1.3110
YIQ	51.8970, 28.1510, 1.9350

# Conversions

## Conversions Part 2

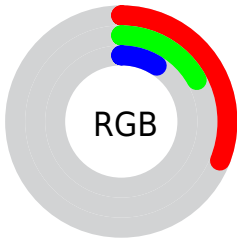
Format	Color
<a href="#">RYB</a>	<a href="#">80, 53, 24</a>
Decimal	<a href="#">5253912</a>
CIELab	<a href="#">21.94, 15.13, 19.58</a>
CIElCh	<a href="#">22, 24.742, 52.300</a>
Yxy	<a href="#">3.4992, 0.4741, 0.3825</a>
Android (android.graphics.Color)	<a href="#">4283443992</a> ( <a href="#">0xFF502B18</a> )
YUV	<a href="#">51.8970, -13.7532, 24.6463</a>
Hunter-Lab	<a href="#">18.7061, 8.6496, 8.9390</a>

# Details

The Hex color **502B18** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **183D50**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **845944**, and **210000** is the 20% darker color. If you saturate the color by 10%, you get **502610**, and if you desaturate by 10%, it is **503020**.

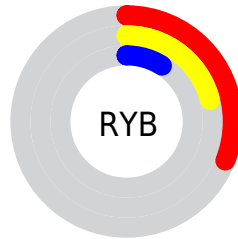
# Distribution



Red (31%)

Green (17%)

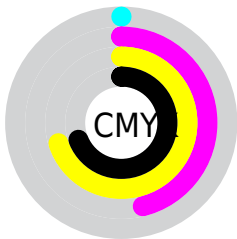
Blue (9%)



Red (31%)

Yellow (21%)

Blue (9%)

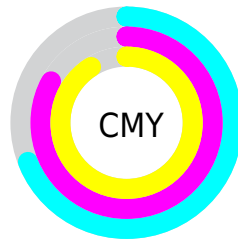


Cyan (0%)

Magenta (46%)

Yellow (70%)

Black (69%)



Cyan (69%)

Magenta (83%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 502B18 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 502B18 by changing the saturation by 10% instead.



 502B18

 502B18

FFFFFC

 381600

 845944

 210000

 9F725B

 000000

 BB8B74

 D8A68D

 F5C1A8

 FFDDC3

 FFF9DF

 502B18

 502B18

■ 502610

■ 503020

■ 502008

■ 503628

■ 501B00

■ 503B30

■ 504038

■ 504540

■ 504B48

■ 505050

■ 505558

■ 505B60

# Harmonies

## Analogous

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



562528



502B18



43320F

# Triad

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



502B18



003D2F



2E3256

# Complementary

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



502B18



183D50

# 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.



003859



502B18



003E42

# Square

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



502B18



1B3B1D



003C51



462A4B

# Rectangle

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



502B18



38360F



003C51



223458



# Sweetspot

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



502B18



695A53



50183D



362D28



B5B5B5



363636



# Same Dimension

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



502B18



692F11



504718



292625



692300



E84F00



# Inverse Universe

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



183D50



114B69



182150



252729



004569



0099E8



# Previews

## White Background



This preview shows how the Hex color 502B18 looks on a white background.

## Color Contrast Check

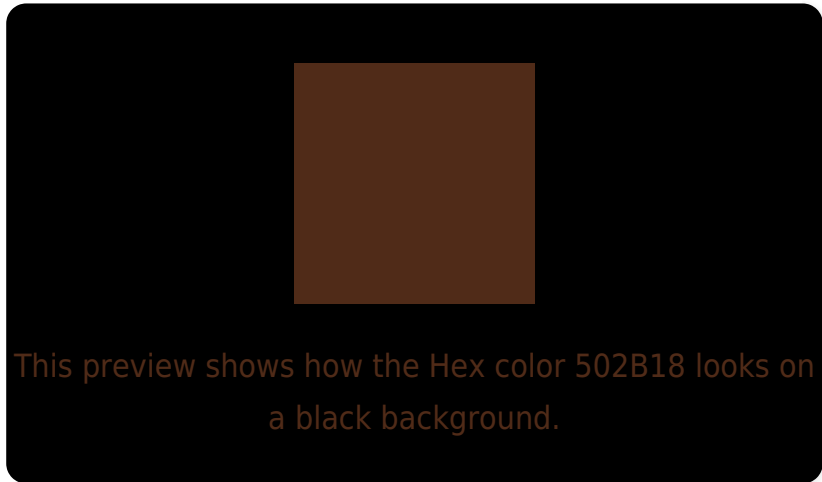
Large Text (above 18pt) WCAG AA ✓ Pass

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 502B18 Background



This preview shows how black text looks on a background with the Hex color 502B18.

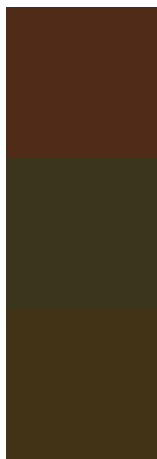


This preview shows how white text looks on a background with the Hex color 502B18.

# 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**  
502B18

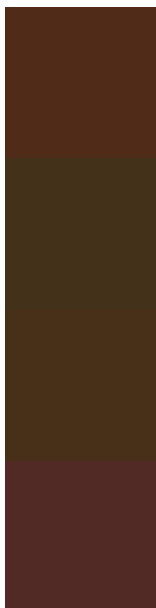
**Protanopia**  
3B351B

**Deuteranopia**  
423316



**Tritanopia**  
51292C

# Trichromacy



**Original Color**

502B18

**Protanomaly**

43311A

**Deuteranomaly**

473017

**Tritanomaly**

512A25

# Monochromacy



**Original Color**

502B18

**Achromatopsia**

343434

**Achromatomaly**

3E312A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 502B18 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 #502B18 looks like.

```
.text, #text, p{  
    color:#502B18  
}
```

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 #502B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502B18
}
```

## Border

The CSS property to change the border of an element to Hex 502B18 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".

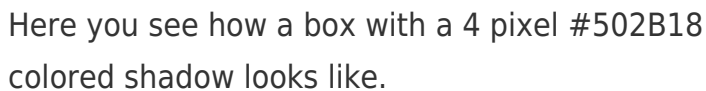
```
.border, #border, table{ border:4px solid
#502B18 }
```

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

```
.border{ border-color:#502B18 }
```

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

Here you see how a box with a 4 pixel #502B18 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502B18; -webkit-box-shadow:4px 4px  
4px 4px #502B18; box-shadow:4px 4px 4px  
4px #502B18 }
```

# Background

The CSS property to change the background color of an element to Hex 502B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502B18 }
```

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

```
.background{ background-color:#502B18 }
```

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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