

# Converting Colors

Hex(502A14)

Have a look what the booklet for  
Hex(502A14) contains.

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**Color**

**Hex(502A14)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	502A14
RGB	80, 42, 20
RGB Percent	31%, 16%, 8%
CMY	0.6863, 0.8353, 0.9216
CMYK	0.00, 0.48, 0.75, 0.69
HSL	22°, 60%, 20%
HSV	22°, 75%, 31%
XYZ	4.2625, 3.4119, 1.0957
YIQ	50.8540, 29.7100, 1.2140

# Conversions

## Conversions Part 2

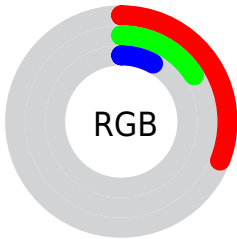
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 55, 20
Decimal	5253652
CIELab	21.62, 15.47, 21.69
CIELCh	22, 26.642, 54.496
Yxy	3.4119, 0.4860, 0.3890
Android (android.graphics.Color)	4283443732 (0xFF502A14)
YUV	50.8540, -15.2110, 25.5610
Hunter-Lab	18.4714, 8.8662, 9.4128

# Details

The Hex color **502A14** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **143A50**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **84583F**, and **210000** is the 20% darker color. If you saturate the color by 10%, you get **50250C**, and if you desaturate by 10%, it is **502F1C**.

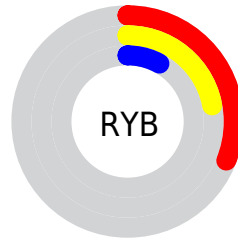
# Distribution



 Red (31%)

 Green (16%)

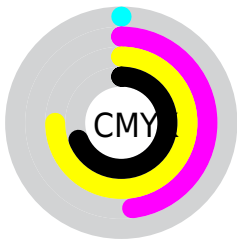
 Blue (8%)



 Red (31%)

 Yellow (22%)

 Blue (8%)

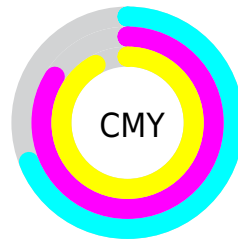


 Cyan (0%)

 Magenta (48%)

 Yellow (75%)

 Black (69%)



 Cyan (69%)

 Magenta (84%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 502A14 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 502A14 by changing the saturation by 10% instead.



 502A14

 502A14

 FFFFF7

 381500

 84583F

 210000

 A07057

 000000

 BC8A6F

 D8A489

 F5C0A3

 FFDBBE

 FFF8DA

 502A14

 502A14

■ 50250C

■ 502F1C

■ 502004

■ 503424

■ 501D00

■ 50392C

■ 503E34

■ 50433C

■ 504844

■ 504D4C

■ 505354

■ 50585C

# Harmonies

## Analogous

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



582325



502A14



42320A

# Triad

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



502A14



003D2F



2E3058

# Complementary

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



502A14



143A50

# 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.



00375B



502A14



003D44

# Square

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



502A14



153B1C



003B54



48284B

# Rectangle

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



502A14



35360A



003B54



21335A



# Sweetspot

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



502A14



695951



50143A



362C27



B5B5B5



363636



# Same Dimension

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



502A14



692D0A



504814



292625



692600



E85500



# Inverse Universe

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



143A50



0A4669



141C50



252729



004269



0093E8



# Previews

## White Background



This preview shows how the Hex color 502A14 looks on a white background.

## Color Contrast Check

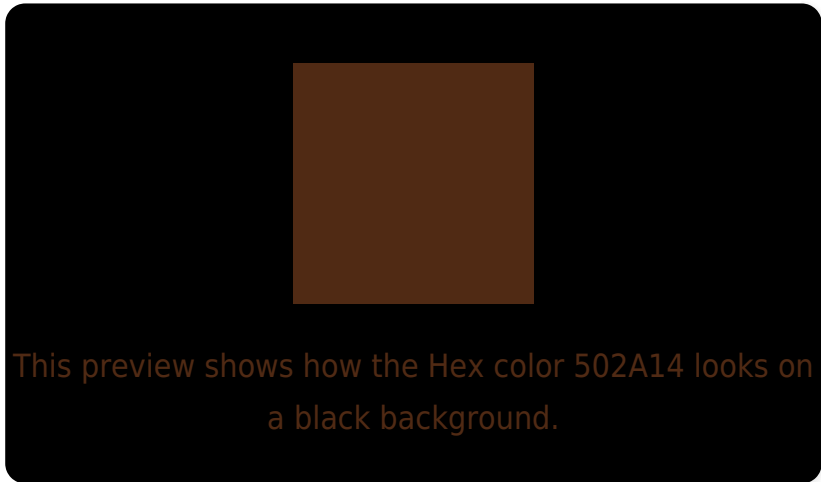
Large Text (above 18pt) WCAG AA ✓ Pass

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 502A14 Background



This preview shows how black text looks on a background with the Hex color 502A14.

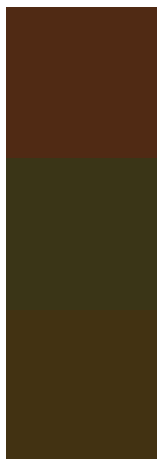


This preview shows how white text looks on a background with the Hex color 502A14.

# 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**  
502A14

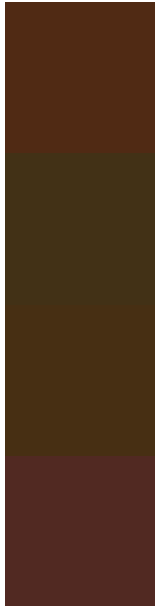
**Protanopia**  
3A3517

**Deuteranopia**  
423212



**Tritanopia**  
51282A

# Trichromacy



**Original Color**  
502A14

**Protanomaly**  
423116

**Deuteranomaly**  
472F13

**Tritanomaly**  
512922

# Monochromacy



**Original Color**  
502A14

**Achromatopsia**  
333333

**Achromatomaly**  
3E3028

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 502A14 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 #502A14 looks like.

```
.text, #text, p{  
    color:#502A14  
}
```

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 #502A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502A14
}
```

## Border

The CSS property to change the border of an element to Hex 502A14 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".

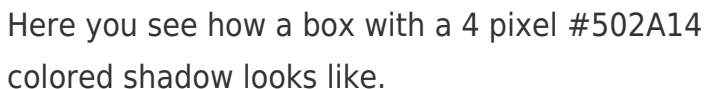
```
.border, #border, table{ border:4px solid
#502A14 }
```

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

```
.border{ border-color:#502A14 }
```

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

Here you see how a box with a 4 pixel #502A14 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502A14; -webkit-box-shadow:4px 4px  
4px 4px #502A14; box-shadow:4px 4px 4px  
4px #502A14 }
```

# Background

The CSS property to change the background color of an element to Hex 502A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502A14 }
```

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

```
.background{ background-color:#502A14 }
```

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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