

# Converting Colors

Hex(4B2514)

Have a look what the booklet for  
Hex(4B2514) contains.

<b>Hex(4B2514)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(4B2514)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B2514
RGB	75, 37, 20
RGB Percent	29%, 15%, 8%
CMY	0.7059, 0.8549, 0.9216
CMYK	0.00, 0.51, 0.73, 0.71
HSL	19°, 58%, 19%
HSV	19°, 73%, 29%
XYZ	3.6895, 2.8695, 1.0212
YIQ	46.4240, 28.1050, 2.7690

# Conversions

## Conversions Part 2

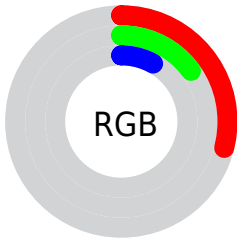
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 45, 20
Decimal	4924692
CIE <sub>Lab</sub>	19.51, 16.22, 19.05
CIE <sub>LCh</sub>	20, 25.022, 49.590
Yxy	2.8695, 0.4867, 0.3786
Android (android.graphics.Color)	4283114772 (0xFF4B2514)
YUV	46.4240, -13.0270, 25.0612
Hunter-Lab	16.9396, 9.2335, 8.2833

# Details

The Hex color **4B2514** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **143A4B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7F523F**, and **1B0001** is the 20% darker color. If you saturate the color by 10%, you get **4B200C**, and if you desaturate by 10%, it is **4B2A1B**.

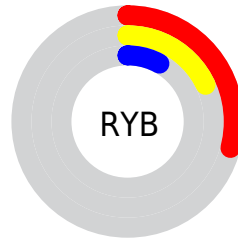
# Distribution



Red (29%)

Green (15%)

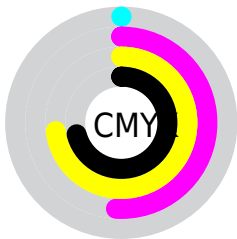
Blue (8%)



Red (29%)

Yellow (18%)

Blue (8%)

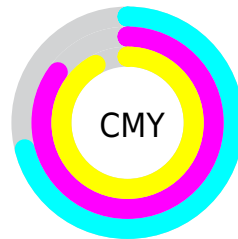


Cyan (0%)

Magenta (51%)

Yellow (73%)

Black (71%)



Cyan (71%)

Magenta (85%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B2514 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 4B2514 by changing the saturation by 10% instead.



 4B2514

 4B2514

 FFFFF6

 331000

 7F523F

 1B0001

 9A6B56

 000000

 B6846F

 D29E88

 EFB9A2

 FFD5BE

 FFF2D9

 4B2514

 4B2514

■ 4B200C

■ 4B2A1B

■ 4B1B05

■ 4B2F23

■ 4B1700

■ 4B352B

■ 4B3A32

■ 4B3F3A

■ 4B4441

■ 4B4949

■ 4B4E50

■ 4B5457

# Harmonies

## Analogous

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



511F24



4B2514



3F2C08

# Triad

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



4B2514



003828



252D52

# Complementary

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



4B2514



143A4B

# 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.



003353



4B2514



00383B

# Square

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



4B2514



183616



00374B



3F2547

# Rectangle

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



4B2514



343007



00374B



172F53



# Sweetspot

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



4B2514



61524C



4B143B



302824



B0B0B0



303030



# Same Dimension

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



4B2514



61260C



4B4014



262422



662000



E64700



# Inverse Universe

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



143A4B



0C4761



141F4B



222526



004666



009FE6



# Previews

## White Background



This preview shows how the Hex color 4B2514 looks on a white background.

## Color Contrast Check

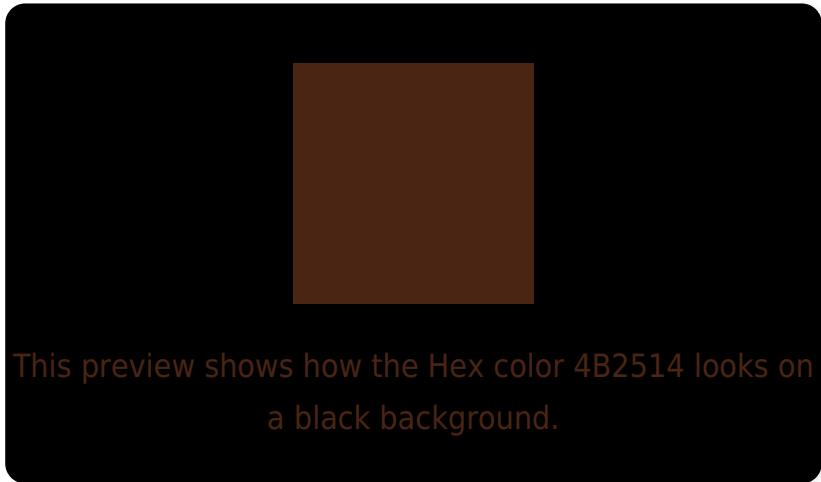
Large Text (above 18pt) WCAG AA ✓ Pass

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

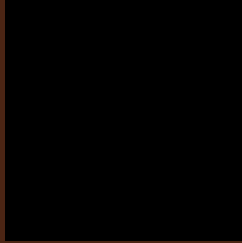
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B2514 Background



This preview shows how black text looks on a background with the Hex color 4B2514.



This preview shows how white text looks on a background with the Hex color 4B2514.

# 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**  
4B2514

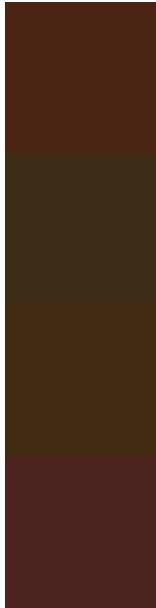
**Protanopia**  
353017

**Deuteranopia**  
3C2E12



**Tritanopia**  
4C2325

# Trichromacy



**Original Color**  
4B2514

**Protanomaly**  
3D2C16

**Deuteranomaly**  
412B13

**Tritanomaly**  
4C241F

# Monochromacy



**Original Color**  
4B2514

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
392B25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B2514 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 #4B2514 looks like.

```
.text, #text, p{  
    color:#4B2514  
}
```

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 #4B2514 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B2514
}
```

## Border

The CSS property to change the border of an element to Hex 4B2514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

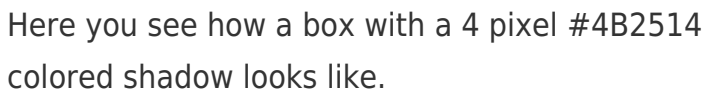
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B2514 }
```

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

```
.border{ border-color:#4B2514 }
```

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



Here you see how a box with a 4 pixel #4B2514 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B2514; -webkit-box-shadow:4px 4px  
4px 4px #4B2514; box-shadow:4px 4px 4px  
4px #4B2514 }
```

# Background

The CSS property to change the background color of an element to Hex 4B2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B2514 }
```

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

```
.background{ background-color:#4B2514 }
```

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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