

# Converting Colors

Hex(B52516)

Have a look what the booklet for  
Hex(B52516) contains.

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# Color

**Hex(B52516)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B52516
RGB	181, 37, 22
RGB Percent	71%, 15%, 9%
CMY	0.2902, 0.8549, 0.9137
CMYK	0.00, 0.80, 0.88, 0.29
HSL	6°, 78%, 40%
HSV	6°, 88%, 71%
XYZ	19.8624, 11.2048, 1.8749
YIQ	78.3460, 90.6390, 25.8630

# Conversions

## Conversions Part 2

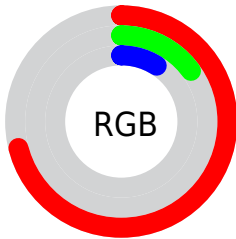
Format	Color
R <sub>Y</sub> B	181, 39, 22
Decimal	11871510
CIE Lab	39.92, 55.66, 44.77
CIE LCh	40, 71.435, 38.812
Yxy	11.2048, 0.6029, 0.3401
Android (android.graphics.Color)	4290061590 (0xFFB52516)
YUV	78.3460, -27.7786, 90.0276
Hunter-Lab	33.4736, 47.3389, 20.1105

# Details

The Hex color **B52516** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **16A6B5**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **F56044**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B51504**, and if you desaturate by 10%, it is **B53528**.

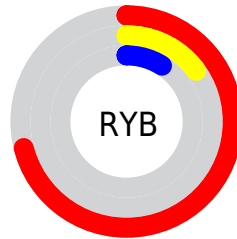
# Distribution



Red (71%)

Green (15%)

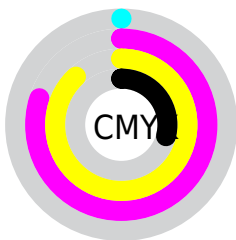
Blue (9%)



Red (71%)

Yellow (15%)

Blue (9%)

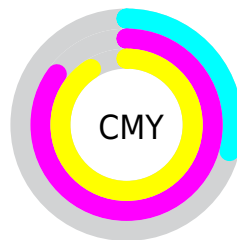


Cyan (0%)

Magenta (80%)

Yellow (88%)

Black (29%)



Cyan (29%)

Magenta (85%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B52516 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 B52516 by changing the saturation by 10% instead.



 B52516

 B52516

FFFFFF

 960000

 F56044

 770000

 FF7B5D

 580000

 FF9776

 3D0003

 FFB390

 190001

 FFD0AB

 000000

 FFEDC6

 FFFFE2

 B52516

 B52516

 B51504

 B53528

 B51100

 B5463A

 B5564C

 B5675E

 B57770

 B58783

 B59895

 B5A8A7

 B5B9B9

# Harmonies

## Analogous

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



C10050



B52516



944B00

# Triad

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



B52516



007430



0061D3

# Complementary

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



B52516



16A6B5

# 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.



0070CC



B52516



00766E

# Square

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



B52516



196E00



0075A7



7144BA

# Rectangle

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



B52516



755B00



0075A7



0067D5



# Sweetspot

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



B52516



EBB3AE



B516A8



755451



F5F5F5



757575



# Same Dimension

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



B52516



EB1600



B57316



595150



990E00



1A0200



# Inverse Universe

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



16A6B5



00D4EB



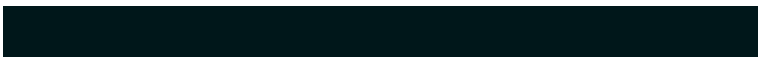
1658B5



505859



008B99



00171A



# Previews

## White Background



This preview shows how the Hex color B52516 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 B52516 Background



This preview shows how black text looks on a background with the Hex color B52516.



This preview shows how white text looks on a background with the Hex color B52516.

# 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



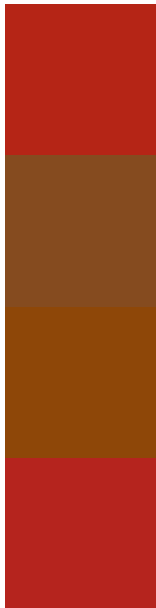
**Original Color**  
B52516

**Protanopia**  
6A6024

**Deuteranopia**  
785A00



# Trichromacy



**Original Color**  
B52516

**Protanomaly**  
854B1F

**Deuteranomaly**  
8E4708

**Tritanomaly**  
B5241E

# Monochromacy



**Original Color**  
B52516

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
733F3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B52516 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 #B52516 looks like.

```
.text, #text, p{  
    color:#B52516  
}
```

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 #B52516 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B52516
}
```

## Border

The CSS property to change the border of an element to Hex B52516 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".

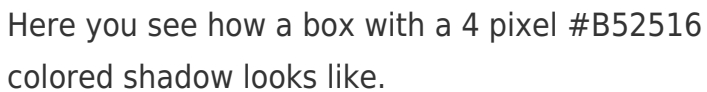
```
.border, #border, table{ border:4px solid
#B52516 }
```

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

```
.border{ border-color:#B52516 }
```

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

Here you see how a box with a 4 pixel #B52516 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B52516; -webkit-box-shadow:4px 4px  
4px 4px #B52516; box-shadow:4px 4px 4px  
4px #B52516 }
```

# Background

The CSS property to change the background color of an element to Hex B52516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B52516 }
```

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

```
.background{ background-color:#B52516 }
```

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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