

Converting Colors

Hex(B52A2C)

Have a look what the booklet for
Hex(B52A2C) contains.

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Color

Hex(B52A2C)

Conversions

Conversions Part 1

Format	Color
Hex	B52A2C
RGB	181, 42, 44
RGB Percent	71%, 16%, 17%
CMY	0.2902, 0.8353, 0.8275
CMYK	0.00, 0.77, 0.76, 0.29
HSL	359°, 62%, 44%
HSV	359°, 77%, 71%
XYZ	20.3386, 11.6615, 3.5618
YIQ	83.7890, 82.2020, 30.0900

Conversions

Conversions Part 2

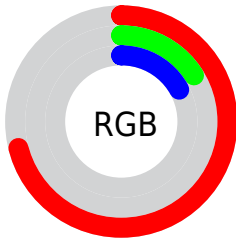
Format	Color
RYB	181, 42, 44
Decimal	11872812
CIELab	40.67, 54.78, 33.75
CIELCh	41, 64.345, 31.634
Yxy	11.6615, 0.5719, 0.3279
Android (android.graphics.Color)	4290062892 (0xFFB52A2C)
YUV	83.7890, -19.6160, 85.2540
Hunter-Lab	34.1490, 46.5513, 17.7202

Details

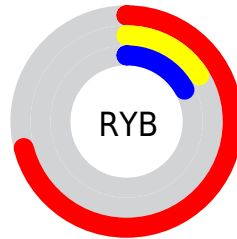
The Hex color **B52A2C** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2AB5B3**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **F4635A**, and **780000** is the 20% darker color. If you saturate the color by 10%, you get **B5181A**, and if you desaturate by 10%, it is **B53C3E**.

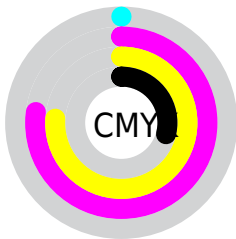
Distribution



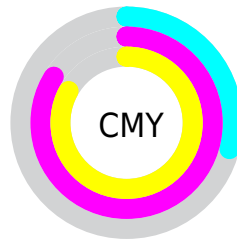
- Red (71%)
- Green (16%)
- Blue (17%)



- Red (71%)
- Yellow (16%)
- Blue (17%)



- Cyan (0%)
- Magenta (77%)
- Yellow (76%)
- Black (29%)



- Cyan (29%)
- Magenta (84%)
- Yellow (83%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color B52A2C 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 B52A2C by changing the saturation by 10% instead.

 B52A2C

 B52A2C

FFFFFF

 960017

 F4635A

 780000

 FF7F73

 5A0000

 FF9B8C

 3E0002

 FFB7A7

 1C0001

 FFD4C2

 000000

 FFF1DE

 FFFFFB

 B52A2C

 B52A2C

 B5181A

 B53C3E

 B50608

 B54E50

 B50003

 B56062

 B57273

 B58585

 B59797

 B5A9A9

 B5BBBB

 B5CDCD

Harmonies

Analogous

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



B9145F



B52A2C



9B4900

Triad

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



B52A2C



007329



0066CB

Complementary

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



B52A2C



2AB5B3

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.



0072BD



B52A2C



007661

Square

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



B52A2C



3C6C00



007696



5D50BB

Rectangle

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



B52A2C



815800



007696



006BC9

Sweetspot

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



B52A2C



EBB5B5



B32AB5



755455



F5F5F5



757575

Same Dimension

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



B52A2C



EB1316



B56D2A



595050



990002



1A0000

Inverse Universe

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



B52A2C



EB1316



2A72B5



595050



990002



1A0000

Previews

White Background



This preview shows how the Hex color B52A2C looks on a white background.

Color Contrast Check

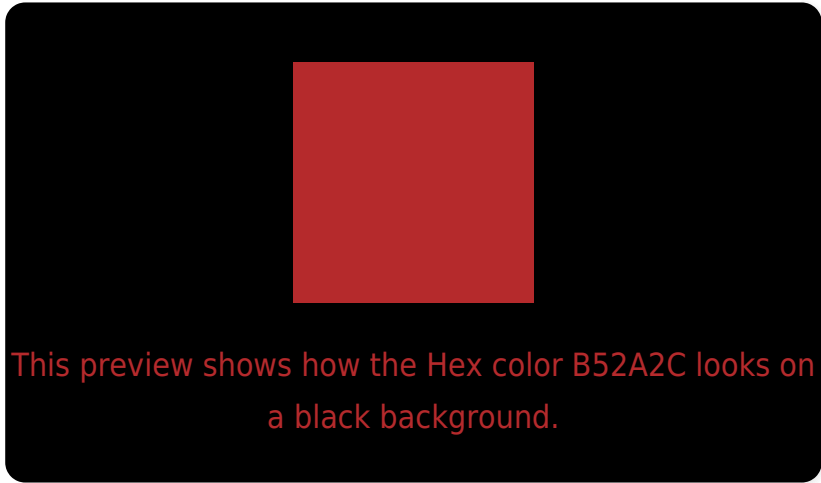
Large Text (above 18pt) WCAG AA ✓ Pass

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 B52A2C Background



This preview shows how black text looks on a background with the Hex color B52A2C.



This preview shows how white text looks on a background with the Hex color B52A2C.

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

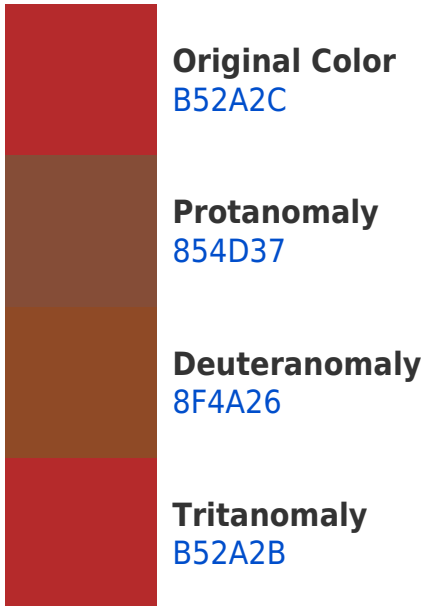


Original Color
B52A2C

Protanopia
6A613D

Deuteranopia
795C22

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B52A2C 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 #B52A2C looks like.

```
.text, #text, p{  
    color:#B52A2C  
}
```

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 #B52A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B52A2C
}
```

Border

The CSS property to change the border of an element to Hex B52A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

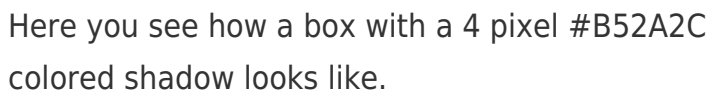
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B52A2C }
```

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

```
.border{ border-color:#B52A2C }
```

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



Here you see how a box with a 4 pixel #B52A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B52A2C; -webkit-box-shadow:4px 4px  
4px 4px #B52A2C; box-shadow:4px 4px 4px  
4px #B52A2C }
```

Background

The CSS property to change the background color of an element to Hex B52A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B52A2C }
```

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

```
.background{ background-color:#B52A2C }
```

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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