

Converting Colors

Hex(B45E2C)

Have a look what the booklet for
Hex(B45E2C) contains.

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Color

Hex(B45E2C)

Conversions

Conversions Part 1

Format	Color
Hex	B45E2C
RGB	180, 94, 44
RGB Percent	71%, 37%, 17%
CMY	0.2941, 0.6314, 0.8275
CMYK	0.00, 0.48, 0.76, 0.29
HSL	22°, 61%, 44%
HSV	22°, 76%, 71%
XYZ	23.2797, 17.8906, 4.6091
YIQ	114.0140, 67.3060, 2.6820

Conversions

Conversions Part 2

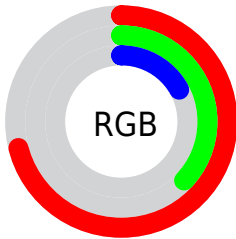
Format	Color
RYB	180, 123, 44
Decimal	11820588
CIELab	49.36, 31.10, 42.99
CIELCh	49, 53.061, 54.120
Yxy	17.8906, 0.5085, 0.3908
Android (android.graphics.Color)	4290010668 (0xFFB45E2C)
YUV	114.0140, -34.5169, 57.8697
Hunter-Lab	42.2972, 24.2234, 23.1472

Details

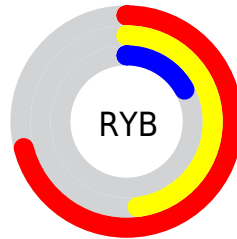
The Hex color **B45E2C** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2C82B4**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **F1925D**, and **792D00** is the 20% darker color. If you saturate the color by 10%, you get **B4531A**, and if you desaturate by 10%, it is **B4693E**.

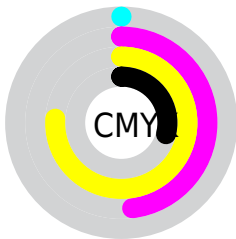
Distribution



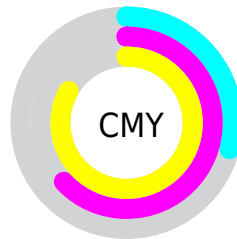
- Red (71%)
- Green (37%)
- Blue (17%)



- Red (71%)
- Yellow (48%)
- Blue (17%)



- Cyan (0%)
- Magenta (48%)
- Yellow (76%)
- Black (29%)



- Cyan (29%)
- Magenta (63%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color B45E2C 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 B45E2C by changing the saturation by 10% instead.

 B45E2C

 B45E2C

FFFFFF

 964514

 F1925D

 792D00

 FFAD76

 5D1500

 FFC890

 410000

 FFE5AB

 290001

 FFFFC7

 000000

 FFFF E3

 B45E2C

 B45E2C

 B4531A

 B4693E

 B44708

 B47550

 B44200

 B48062

 B48C74

 B49786

 B4A298

 B4AEAA

 B4B9BC

 B4C4CE

Harmonies

Analogous

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



C54D53



B45E2C



94700E

Triad

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



B45E2C



008A6B



656DC8

Complementary

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



B45E2C



2C82B4

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.



007DCF



B45E2C



008A99

Square

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



B45E2C



2A863E



0087BE



A359AB

Rectangle

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



B45E2C



787A0F



0087BE



4373CD

Sweetspot

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



B45E2C



EBC8B5



B42C82



756154



F5F5F5



757575

Same Dimension

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



B45E2C



EB6415



B4A22C



595450



993800



1A0900

Inverse Universe

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



2C82B4



159CEB



2C3EB4



505659



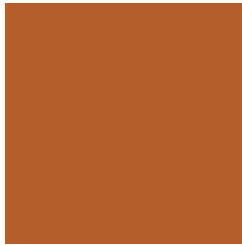
006199



00101A

Previews

White Background



This preview shows how the Hex color B45E2C looks on a white background.

Color Contrast Check

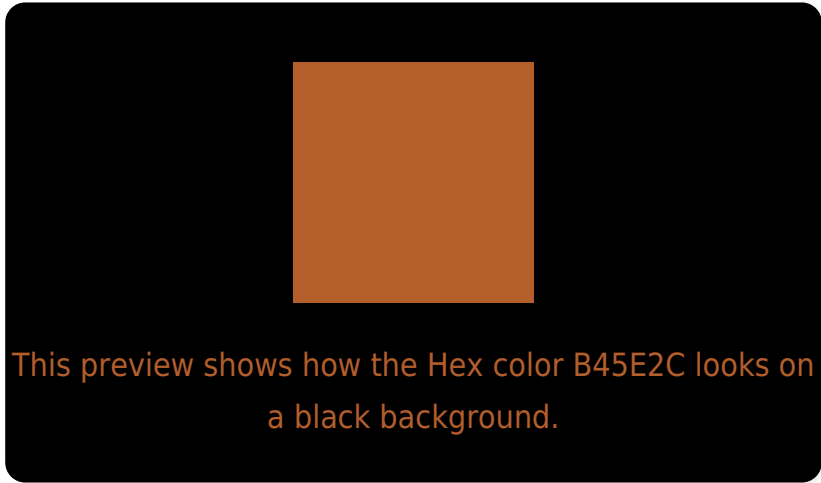
Large Text (above 18pt) WCAG AA ✓ Pass

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

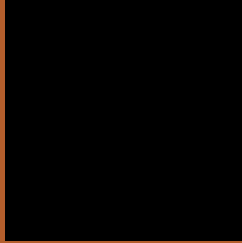
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B45E2C Background



This preview shows how black text looks on a background with the Hex color B45E2C.



This preview shows how white text looks on a background with the Hex color B45E2C.

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
B45E2C

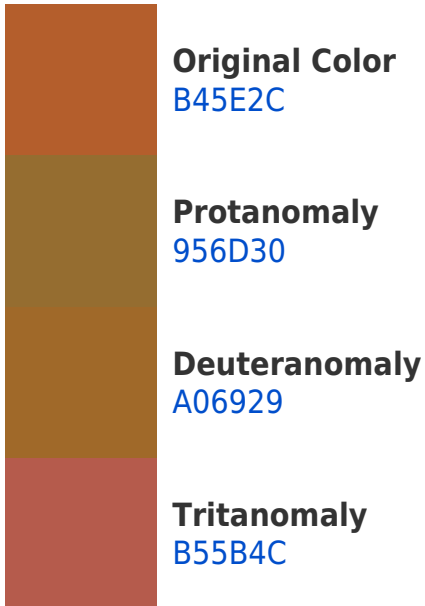
Protanopia
837633

Deuteranopia
947027

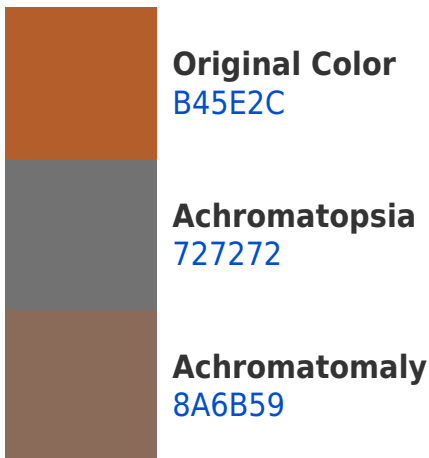


Tritanopia
B6595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B45E2C 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 #B45E2C looks like.

```
.text, #text, p{  
    color:#B45E2C  
}
```

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 #B45E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45E2C
}
```

Border

The CSS property to change the border of an element to Hex B45E2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

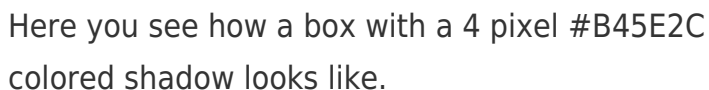
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B45E2C }
```

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

```
.border{ border-color:#B45E2C }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B45E2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45E2C; -webkit-box-shadow:4px 4px  
4px 4px #B45E2C; box-shadow:4px 4px 4px  
4px #B45E2C }
```

Background

The CSS property to change the background color of an element to Hex B45E2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45E2C }
```

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

```
.background{ background-color:#B45E2C }
```

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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