

# Converting Colors

Hex(B45E4B)

Have a look what the booklet for  
Hex(B45E4B) contains.

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# Color

Hex(B45E4B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B45E4B
RGB	180, 94, 75
RGB Percent	71%, 37%, 29%
CMY	0.2941, 0.6314, 0.7059
CMYK	0.00, 0.48, 0.58, 0.29
HSL	11°, 41%, 50%
HSV	11°, 58%, 71%
XYZ	24.0951, 18.2167, 8.9028
YIQ	117.5480, 57.3550, 12.3230

# Conversions

## Conversions Part 2

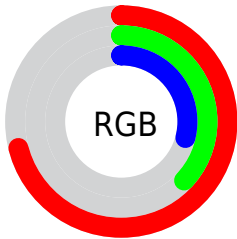
Format	Color
R <sub>Y</sub> B	180, 98, 75
Decimal	11820619
CIE Lab	49.76, 33.01, 26.57
CIE LCh	50, 42.372, 38.832
Yxy	18.2167, 0.4705, 0.3557
Android (android.graphics.Color)	4290010699 (0xFFB45E4B)
YUV	117.5480, -20.9762, 54.7704
Hunter-Lab	42.6810, 26.0783, 17.5094

# Details

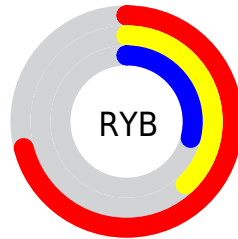
The Hex color **B45E4B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4BA1B4**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **EF927C**, and **7B2D1E** is the 20% darker color. If you saturate the color by 10%, you get **B44F39**, and if you desaturate by 10%, it is **B46D5D**.

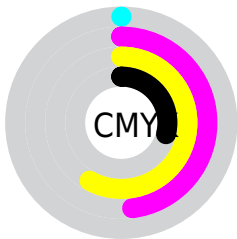
# Distribution



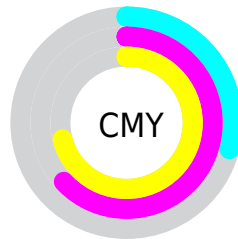
- Red (71%)
- Green (37%)
- Blue (29%)



- Red (71%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (48%)
- Yellow (58%)
- Black (29%)



- Cyan (29%)
- Magenta (63%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B45E4B 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 B45E4B by changing the saturation by 10% instead.



 B45E4B

 B45E4B

FFFFFF

 974534

 EF927C

 7B2D1E

 FFAD96

 5F1408

 FFC9B1

 430000

 FFE5CC

 2C0001

 FFFFE9

 000000

 B45E4B

 B45E4B

 B44F39


 B46D5D

 B44127


 B47B6F

 B43215

 B48A81

 B42303

 B49993

 B42100

 B4A8A5

 B4B6B7

 B4C5C9

 B4D4DB

 B4E3ED

# Harmonies

## Analogous

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



B9576D



B45E4B



A06B32

# Triad

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



B45E4B



1F865B



4977BD

# Complementary

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



B45E4B



4BA1B4

# 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.



0081B9



B45E4B



008880

# Square

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



B45E4B



5A813C



0087A3



8769AF

# Rectangle

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



B45E4B



8C742B



0087A3



267BBE



# Sweetspot

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



B45E4B



EBC8C0



B44BA2



75605B



F5F5F5



757575



# Same Dimension

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



B45E4B



EB6446



B4914B



595250



991C00



1A0500



# Inverse Universe

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



4BA1B4



46CDEB



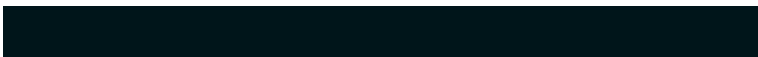
4B6EB4



505859



007D99



00151A



# Previews

## White Background



This preview shows how the Hex color B45E4B looks on a white background.

## Color Contrast Check

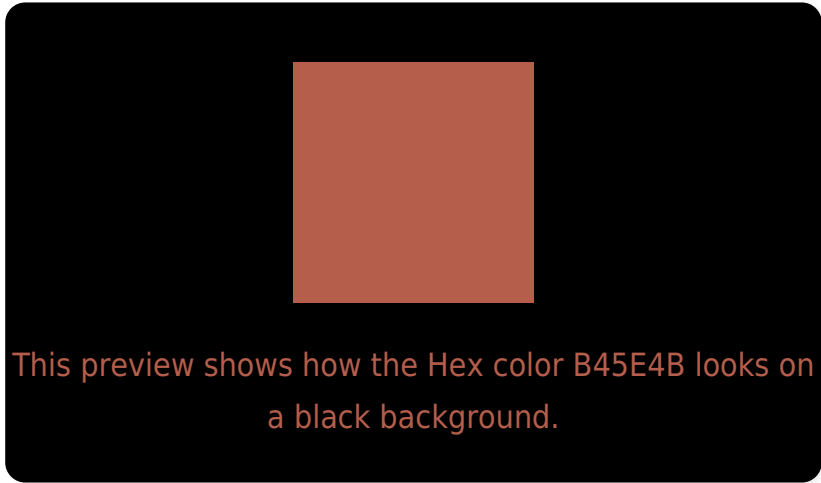
Large Text (above 18pt) WCAG AA ✓ Pass

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 B45E4B Background



This preview shows how black text looks on a background with the Hex color B45E4B.



This preview shows how white text looks on a background with the Hex color B45E4B.

# 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**  
B45E4B

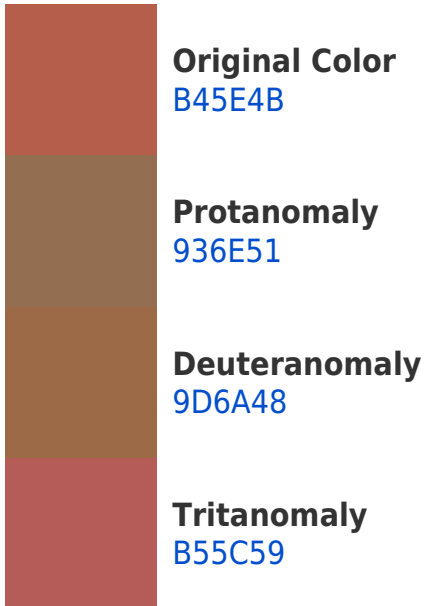
**Protanopia**  
807755

**Deuteranopia**  
907147



**Tritanopia**  
B55B61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B45E4B 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 #B45E4B looks like.

```
.text, #text, p{  
    color:#B45E4B  
}
```

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 #B45E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45E4B
}
```

## Border

The CSS property to change the border of an element to Hex B45E4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

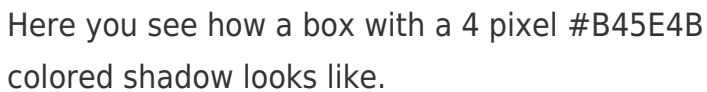
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B45E4B }
```

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

```
.border{ border-color:#B45E4B }
```

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



Here you see how a box with a 4 pixel #B45E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45E4B; -webkit-box-shadow:4px 4px  
4px 4px #B45E4B; box-shadow:4px 4px 4px  
4px #B45E4B }
```

# Background

The CSS property to change the background color of an element to Hex B45E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45E4B }
```

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

```
.background{ background-color:#B45E4B }
```

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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