

# Converting Colors

Hex(B44E4B)

Have a look what the booklet for  
Hex(B44E4B) contains.

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# Color

**Hex(B44E4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B44E4B
RGB	180, 78, 75
RGB Percent	71%, 31%, 29%
CMY	0.2941, 0.6941, 0.7059
CMYK	0.00, 0.57, 0.58, 0.29
HSL	2°, 41%, 50%
HSV	2°, 58%, 71%
XYZ	22.8168, 15.6601, 8.4767
YIQ	108.1560, 61.7550, 20.6910

# Conversions

## Conversions Part 2

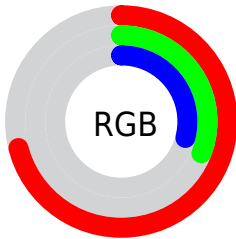
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 78, 75
Decimal	11816523
CIE Lab	46.53, 41.24, 22.40
CIE LCh	47, 46.935, 28.511
Yxy	15.6601, 0.4859, 0.3335
Android (android.graphics.Color)	4290006603 (0xFFB44E4B)
YUV	108.1560, -16.3459, 63.0072
Hunter-Lab	39.5728, 33.6666, 15.0007

# Details

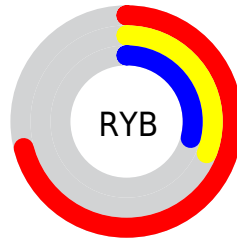
The Hex color **B44E4B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4BB1B4**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F0827C**, and **7A191F** is the 20% darker color. If you saturate the color by 10%, you get **B43D39**, and if you desaturate by 10%, it is **B45F5D**.

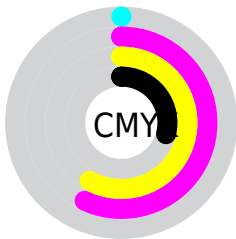
# Distribution



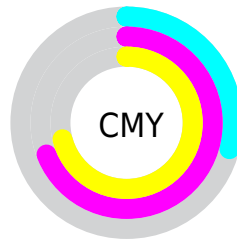
- Red (71%)
- Green (31%)
- Blue (29%)



- Red (71%)
- Yellow (31%)
- Blue (29%)



- Cyan (0%)
- Magenta (57%)
- Yellow (58%)
- Black (29%)



- Cyan (29%)
- Magenta (69%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B44E4B 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 B44E4B by changing the saturation by 10% instead.



 B44E4B

 B44E4B

FFFFFF

 973434

 F0827C

 7A191F

 FF9D96

 5E0008

 FFB9B0

 420000

 FFD5CC

 280001

 FFF2E8

 000000

 B44E4B

 B44E4B

 B43D39

 B45F5D

 B42B27

 B4716F

 B41A15

 B48281

 B40803

 B49493

 B40500

 B4A5A5

 B4B7B7

 B4C8C9

 B4DADB

 B4EBED

# Harmonies

## Analogous

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



B34A72



B44E4B



A35D2A

# Triad

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



B44E4B



247E43



0073BD

# Complementary

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



B44E4B



4BB1B4

# 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.



007DB1



B44E4B



00816B

# Square

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



B44E4B



5E7723



008193



6B65B4

# Rectangle

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



B44E4B



90671B



008193



0077BB



# Sweetspot

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



B44E4B



EBC2C0



B44BB2



755C5B



F5F5F5



757575



# Same Dimension

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



B44E4B



EB4B46



B4814B



595150



990400



1A0100



# Inverse Universe

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



4BB1B4



46E6EB



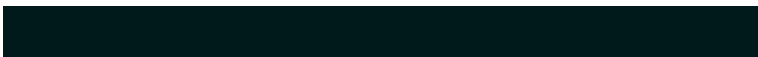
4B7EB4



505959



009599



00191A



# Previews

## White Background



This preview shows how the Hex color B44E4B looks on a white background.

## Color Contrast Check

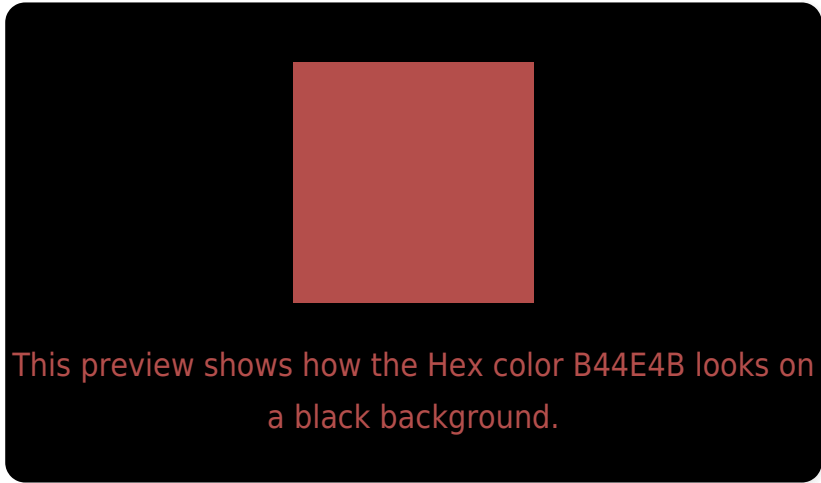
Large Text (above 18pt) WCAG AA ✓ Pass

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 B44E4B Background



This preview shows how black text looks on a background with the Hex color B44E4B.

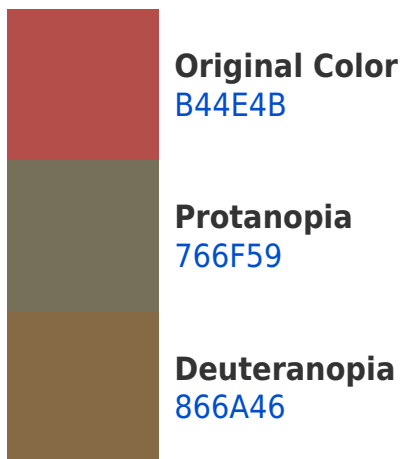


This preview shows how white text looks on a background with the Hex color B44E4B.

# 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





**Tritanopia**  
B44D52

# Trichromacy



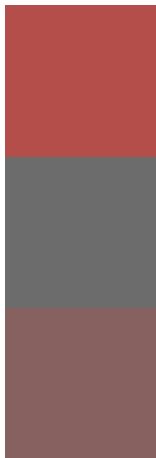
**Original Color**  
B44E4B

**Protanomaly**  
8D6354

**Deuteranomaly**  
976048

**Tritanomaly**  
B44D4F

# Monochromacy



**Original Color**  
B44E4B

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
866160

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B44E4B 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 #B44E4B looks like.

```
.text, #text, p{  
    color:#B44E4B  
}
```

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 #B44E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B44E4B
}
```

## Border

The CSS property to change the border of an element to Hex B44E4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

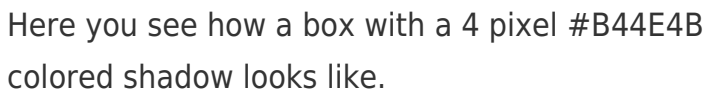
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B44E4B }
```

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

```
.border{ border-color:#B44E4B }
```

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



Here you see how a box with a 4 pixel `#B44E4B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B44E4B; -webkit-box-shadow:4px 4px  
4px 4px #B44E4B; box-shadow:4px 4px 4px  
4px #B44E4B }
```

# Background

The CSS property to change the background color of an element to Hex B44E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B44E4B }
```

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

```
.background{ background-color:#B44E4B }
```

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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