

Converting Colors

Hex(B45A5A)

Have a look what the booklet for
Hex(B45A5A) contains.

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Color

Hex(B45A5A)

Conversions

Conversions Part 1

Format	Color
Hex	B45A5A
RGB	180, 90, 90
RGB Percent	71%, 35%, 35%
CMY	0.2941, 0.6471, 0.6471
CMYK	0.00, 0.50, 0.50, 0.29
HSL	0°, 38%, 53%
HSV	0°, 50%, 71%
XYZ	24.3240, 17.7538, 11.8177
YIQ	116.9100, 53.6400, 19.0800

Conversions

Conversions Part 2

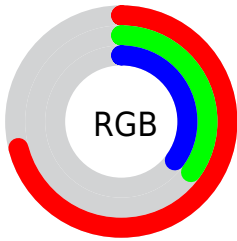
Format	Color
R _Y B	180, 90, 90
Decimal	11819610
CIE Lab	49.20, 36.43, 17.01
CIE LCh	49, 40.202, 25.025
Yxy	17.7538, 0.4513, 0.3294
Android (android.graphics.Color)	4290009690 (0xFFB45A5A)
YUV	116.9100, -13.2666, 55.3299
Hunter-Lab	42.1353, 29.3085, 12.8656

Details

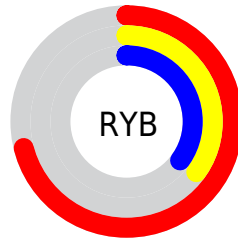
The Hex color **B45A5A** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5AB4B4**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **EF8E8C**, and **7B282C** is the 20% darker color. If you saturate the color by 10%, you get **B44848**, and if you desaturate by 10%, it is **B46C6C**.

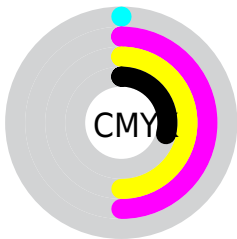
Distribution



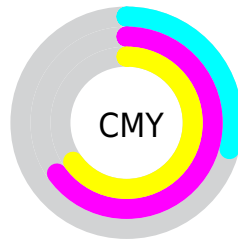
- Red (71%)
- Green (35%)
- Blue (35%)



- Red (71%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (29%)



- Cyan (29%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B45A5A 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 B45A5A by changing the saturation by 10% instead.

 B45A5A

 B45A5A

FFFFFF

 974143

 EF8E8C

 7B282C

 FFA9A6

 5F0C18

 FFC5C2

 450000

 FFE1DD

 2D0001

 FFFEFA

 000000

 B45A5A

 B45A5A

 B44848

 B46C6C

 B43636

 B47E7E

 B42424

 B49090

 B41212

 B4A2A2

 B40000

 B4B4B4

 B4C6C6

 B4D8D8

 B4EAEA

 B4FCFC

Harmonies

Analogous

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



B1587C



B45A5A



A7643E

Triad

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



B45A5A



42824C



1F7AB9

Complementary

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



B45A5A



5AB4B4

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.



0082AC



B45A5A



00866E

Square

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



B45A5A



6C7C34



008691



6E6EB3

Rectangle

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



B45A5A



976D32



008691



007DB6

Sweetspot

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



B45A5A



EBC7C7



B45AB4



756060



F5F5F5



757575

Same Dimension

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



B45A5A



EB5E5E



B4875A



595050



990000



1A0000

Inverse Universe

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



5AB4B4



5EEBEB



5A87B4



505959



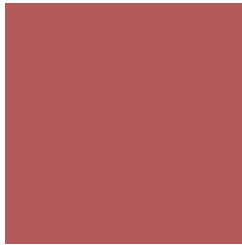
009999



001A1A

Previews

White Background



This preview shows how the Hex color B45A5A looks on a white background.

Color Contrast Check

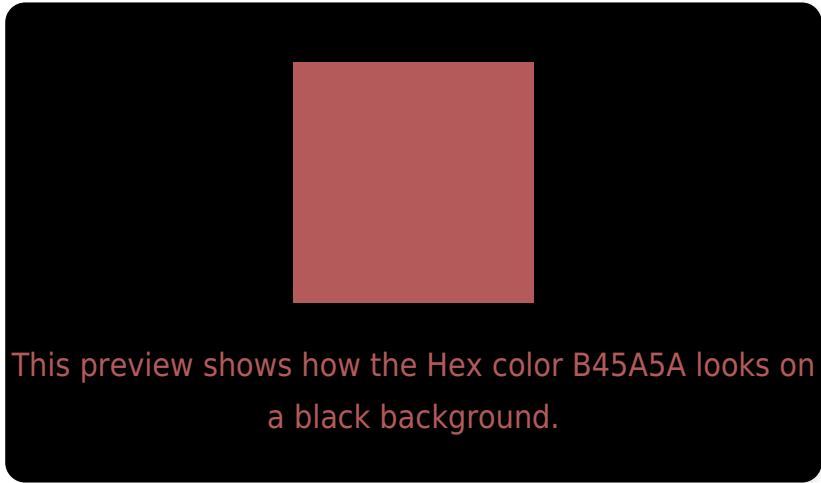
Large Text (above 18pt) WCAG AA ✓ Pass

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 B45A5A Background



This preview shows how black text looks on a background with the Hex color B45A5A.

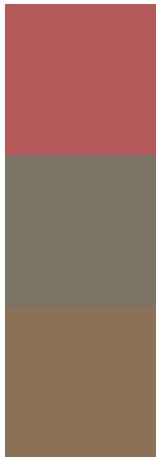


This preview shows how white text looks on a background with the Hex color B45A5A.

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
B45A5A

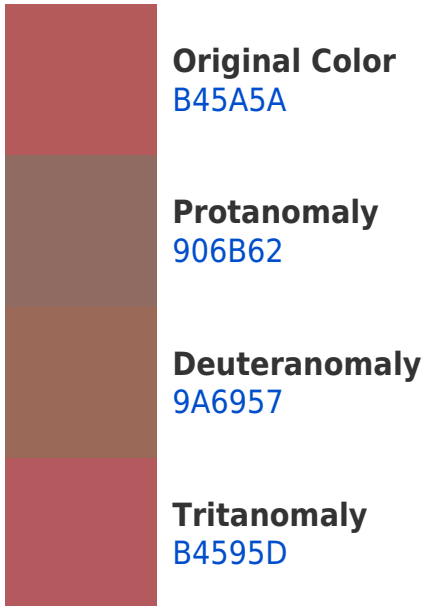
Protanopia
7B7567

Deuteranopia
8B7156



Tritanopia
B4595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B45A5A 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 #B45A5A looks like.

```
.text, #text, p{  
    color:#B45A5A  
}
```

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 #B45A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45A5A
}
```

Border

The CSS property to change the border of an element to Hex B45A5A is called "border". The border property can be set on classes, ids or directly on the HTML element.

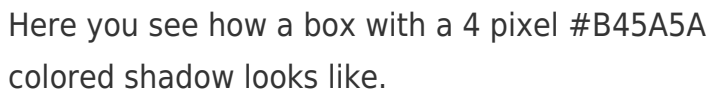
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B45A5A }
```

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

```
.border{ border-color:#B45A5A }
```

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



Here you see how a box with a 4 pixel #B45A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45A5A; -webkit-box-shadow:4px 4px  
4px 4px #B45A5A; box-shadow:4px 4px 4px  
4px #B45A5A }
```

Background

The CSS property to change the background color of an element to Hex B45A5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45A5A }
```

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

```
.background{ background-color:#B45A5A }
```

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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