

# Converting Colors

Hex(B45649)

Have a look what the booklet for  
Hex(B45649) contains.

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**Color**

**Hex(B45649)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B45649</a>
RGB	<a href="#">180, 86, 73</a>
RGB Percent	<a href="#">71%, 34%, 29%</a>
CMY	<a href="#">0.2941, 0.6627, 0.7137</a>
CMYK	<a href="#">0.00, 0.52, 0.59, 0.29</a>
HSL	<a href="#">7°, 42%, 50%</a>
HSV	<a href="#">7°, 59%, 71%</a>
XYZ	<a href="#">23.3528, 16.8399, 8.3229</a>
YIQ	<a href="#">112.6240, 60.1970, 15.8850</a>

# Conversions

## Conversions Part 2

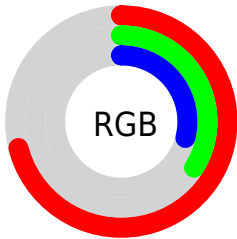
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 88, 73
Decimal	11818569
CIE Lab	48.06, 37.05, 25.56
CIE LCh	48, 45.016, 34.605
Yxy	16.8399, 0.4813, 0.3471
Android (android.graphics.Color)	4290008649 (0xFFB45649)
YUV	112.6240, -19.5346, 59.0888
Hunter-Lab	41.0365, 29.7659, 16.7004

# Details

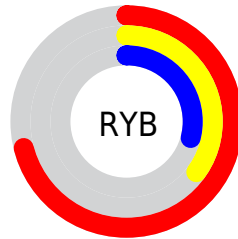
The Hex color **B45649** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49A7B4**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **F08A7A**, and **7A241D** is the 20% darker color. If you saturate the color by 10%, you get **B44637**, and if you desaturate by 10%, it is **B4665B**.

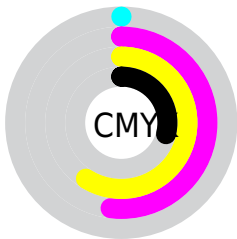
# Distribution



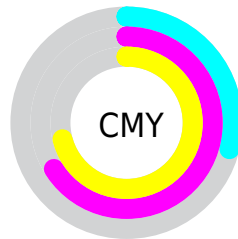
- Red (71%)
- Green (34%)
- Blue (29%)



- Red (71%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (52%)
- Yellow (59%)
- Black (29%)



- Cyan (29%)
- Magenta (66%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B45649 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 B45649 by changing the saturation by 10% instead.



 B45649

 B45649

FFFFFF

 973D32

 F08A7A

 7A241D

 FFA594

 5E0605

 FFC1AE

 420000

 FFDDCA

 2A0001

 FFFAE6

 000000

 B45649

 B45649

 B44637


 B4665B

 B43625


 B4766D

 B42713

 B4857F

 B41701

 B49591

 B41600

 B4A5A3

 B4B5B5

 B4C5C7

 B4D5D9

 B4E4EB

# Harmonies

## Analogous

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



B74F6E



B45649



A0642C

# Triad

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



B45649



1C8250



2D74BE

# Complementary

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



B45649



49A7B4

# 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.



007FB6



B45649



008577

# Square

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



B45649



5A7C30



00849C



7C66B1

# Rectangle

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



B45649



8D6E22



00849C



0078BE



# Sweetspot

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



B45649



EBC6C0



B449A8



755F5B



F5F5F5



757575



# Same Dimension

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



B45649



EB5844



B48B49



595150



991300



1A0300



# Inverse Universe

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



49A7B4



44D6EB



4972B4



505859



008699



00161A



# Previews

## White Background



This preview shows how the Hex color B45649 looks on a white background.

## Color Contrast Check

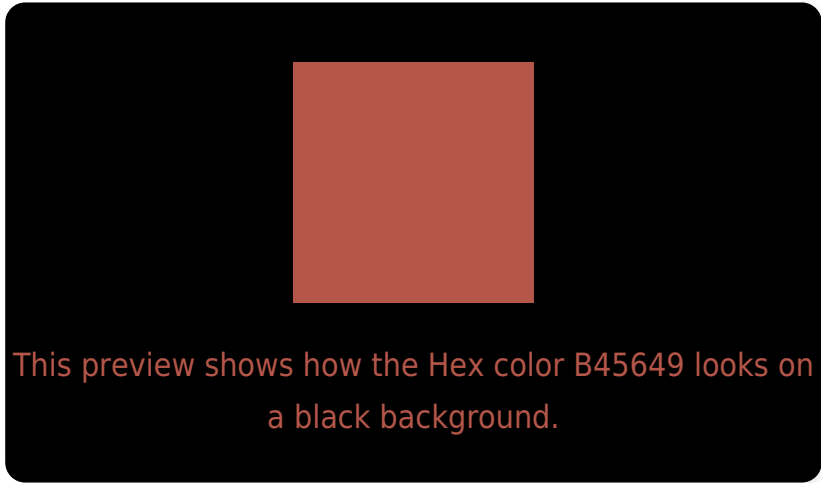
Large Text (above 18pt) WCAG AA ✓ Pass

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 B45649 Background



This preview shows how black text looks on a background with the Hex color B45649.



This preview shows how white text looks on a background with the Hex color B45649.

# 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



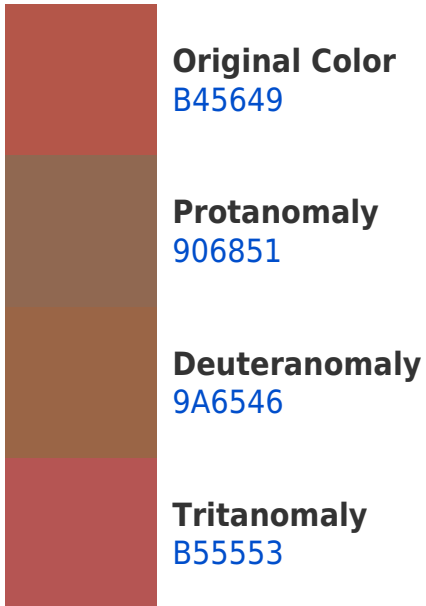
**Original Color**  
B45649

**Protanopia**  
7B7355

**Deuteranopia**  
8B6D45



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B45649 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 #B45649 looks like.

```
.text, #text, p{  
    color:#B45649  
}
```

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 #B45649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45649
}
```

## Border

The CSS property to change the border of an element to Hex B45649 is called "border". The border property can be set on classes, ids or directly on the HTML element.

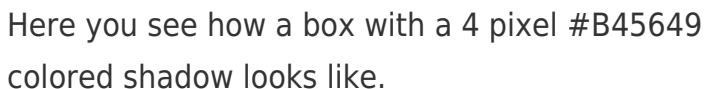
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B45649 }
```

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

```
.border{ border-color:#B45649 }
```

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



Here you see how a box with a 4 pixel #B45649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45649; -webkit-box-shadow:4px 4px  
4px 4px #B45649; box-shadow:4px 4px 4px  
4px #B45649 }
```

# Background

The CSS property to change the background color of an element to Hex B45649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45649 }
```

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

```
.background{ background-color:#B45649 }
```

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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