

# Converting Colors

Hex(B45B6C)

Have a look what the booklet for  
Hex(B45B6C) contains.

<b>Hex(B45B6C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(**B45B6C**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B45B6C
RGB	180, 91, 108
RGB Percent	71%, 36%, 42%
CMY	0.2941, 0.6431, 0.5765
CMYK	0.00, 0.49, 0.40, 0.29
HSL	349°, 37%, 53%
HSV	349°, 49%, 71%
XYZ	25.2703, 18.2682, 16.3816
YIQ	119.5490, 47.5870, 24.1550

# Conversions

## Conversions Part 2

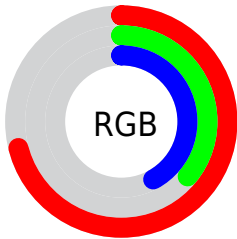
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 91, 108
Decimal	11819884
CIE <sub>Lab</sub>	49.82, 37.80, 7.11
CIE <sub>LCh</sub>	50, 38.466, 10.652
Yxy	18.2682, 0.4217, 0.3049
Android (android.graphics.Color)	4290009964 (0xFFB45B6C)
YUV	119.5490, -5.6937, 53.0155
Hunter-Lab	42.7413, 30.7386, 7.1947

# Details

The Hex color **B45B6C** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5BB4A3**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **EE8F9F**, and **7C293D** is the 20% darker color. If you saturate the color by 10%, you get **B4495D**, and if you desaturate by 10%, it is **B46D7B**.

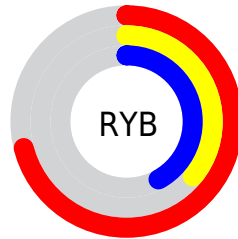
# Distribution



Red (71%)

Green (36%)

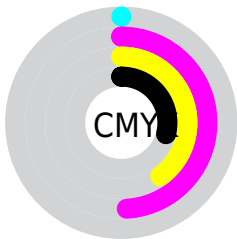
Blue (42%)



Red (71%)

Yellow (36%)

Blue (42%)

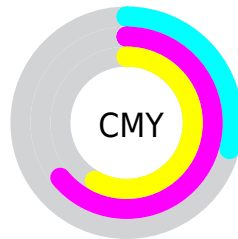


Cyan (0%)

Magenta (49%)

Yellow (40%)

Black (29%)



Cyan (29%)

Magenta (64%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B45B6C 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 B45B6C by changing the saturation by 10% instead.



 B45B6C

 B45B6C

FFFFFF

 984254

 EE8F9F

 7C293D

 FFAABA

 610C27

 FFC6D6

 460013

 FFE3F2

 300002

 000000

 B45B6C

 B45B6C

 B4495D


 B46D7B

 B4374F

 B47F89

 B42540

 B49198

 B41332

 B4A3A6

 B40123

 B4B5B5

 B40022

 B4C7C3

 B4D9D2

 B4EBE0

 B4FDEF

# Harmonies

## Analogous

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



A85E8D



B45B6C



AF624D

# Triad

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



B45B6C



5B8143



0080B4

# Complementary

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



B45B6C



5BB4A3

# 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.



0085A0



B45B6C



2A8660

# Square

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



B45B6C



7F7834



008781



5576B7

# Rectangle

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



B45B6C



A3693E



008781



0082AF



# Sweetspot

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



B45B6C



EBC7CE



A25BB4



756064



F5F5F5



757575



# Same Dimension

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



B45B6C



EB607B



B4765B



595052



99001D



1A0005



# Inverse Universe

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



B45B6C



EB607B



5B99B4



595052



99001D

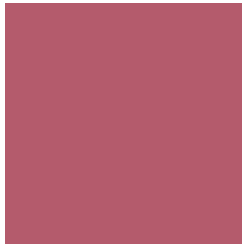


1A0005



# Previews

## White Background



This preview shows how the Hex color B45B6C looks on a white background.

## Color Contrast Check

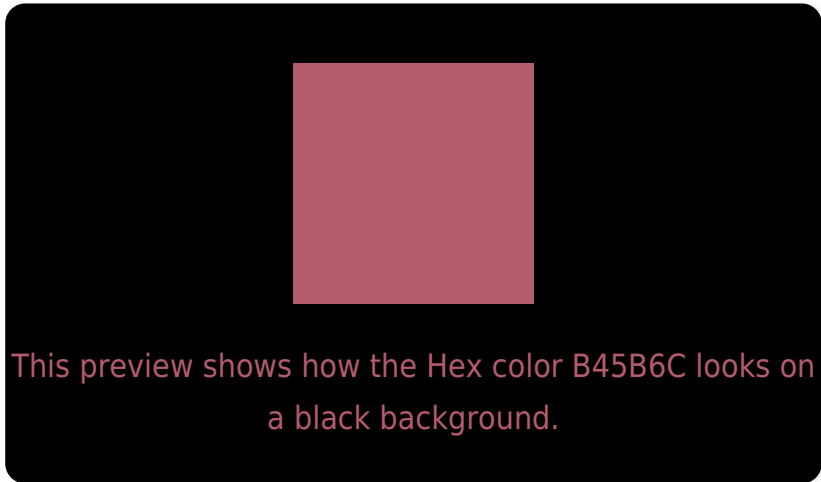
Large Text (above 18pt) WCAG AA ✓ Pass

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 B45B6C Background



This preview shows how black text looks on a background with the Hex color B45B6C.



This preview shows how white text looks on a background with the Hex color B45B6C.

# 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**  
B45B6C

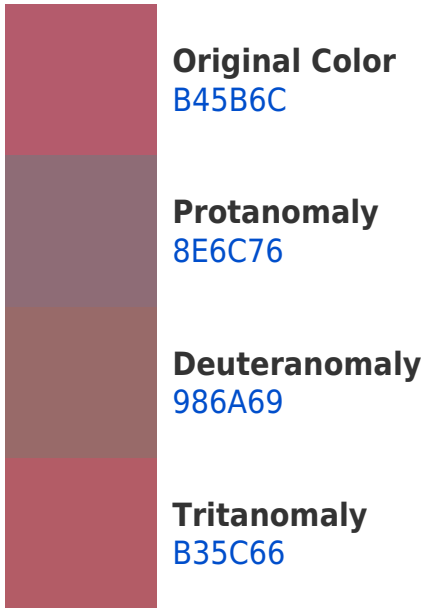
**Protanopia**  
78767B

**Deuteranopia**  
887368



**Tritanopia**  
B35D63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B45B6C 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 #B45B6C looks like.

```
.text, #text, p{  
    color:#B45B6C  
}
```

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 #B45B6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45B6C  
}
```

## Border

The CSS property to change the border of an element to Hex B45B6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

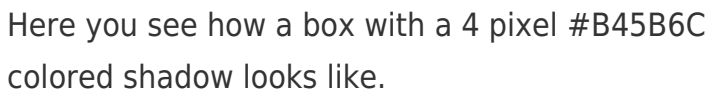
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B45B6C }
```

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

```
.border{ border-color:#B45B6C }
```

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



Here you see how a box with a 4 pixel #B45B6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45B6C; -webkit-box-shadow:4px 4px  
4px 4px #B45B6C; box-shadow:4px 4px 4px  
4px #B45B6C }
```

# Background

The CSS property to change the background color of an element to Hex B45B6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45B6C }
```

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

```
.background{ background-color:#B45B6C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor