

# Converting Colors

Hex(B46558)

Have a look what the booklet for  
Hex(B46558) contains.

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**Color**

**Hex(B46558)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B46558</a>
RGB	<a href="#">180, 101, 88</a>
RGB Percent	<a href="#">71%, 40%, 35%</a>
CMY	<a href="#">0.2941, 0.6039, 0.6549</a>
CMYK	<a href="#">0.00, 0.44, 0.51, 0.29</a>
HSL	<a href="#">8°, 38%, 53%</a>
HSV	<a href="#">8°, 51%, 71%</a>
XYZ	<a href="#">25.2375, 19.7152, 11.7078</a>
YIQ	<a href="#">123.1390, 51.2570, 12.7050</a>

# Conversions

## Conversions Part 2

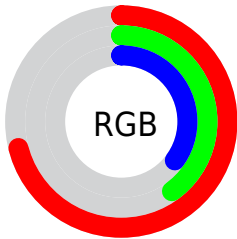
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 103, 88
Decimal	11822424
CIE <sub>Lab</sub>	51.51, 30.36, 21.30
CIE <sub>LCh</sub>	52, 37.088, 35.048
Yxy	19.7152, 0.4454, 0.3480
Android (android.graphics.Color)	4290012504 (0xFFB46558)
YUV	123.1390, -17.3235, 49.8671
Hunter-Lab	44.4018, 23.7542, 15.4478

# Details

The Hex color **B46558** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **58A7B4**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **EF998A**, and **7B342A** is the 20% darker color. If you saturate the color by 10%, you get **B45646**, and if you desaturate by 10%, it is **B4746A**.

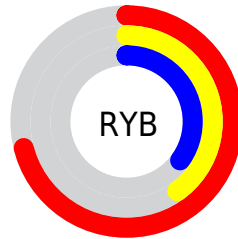
# Distribution



Red (71%)

Green (40%)

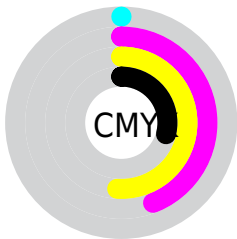
Blue (35%)



Red (71%)

Yellow (40%)

Blue (35%)

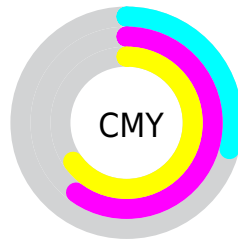


Cyan (0%)

Magenta (44%)

Yellow (51%)

Black (29%)



Cyan (29%)

Magenta (60%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B46558 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 B46558 by changing the saturation by 10% instead.



 B46558

 B46558

FFFFFF

 974C41

 EF998A

 7B342A

 FFB4A4

 601C16

 FFD0BF

 460200

 FFEDDB

 2D0001

 FFFFF8

 000000

 B46558

 B46558

 B45646


 B4746A

 B44634


 B4847C

 B43722

 B4938E

 B42710

 B4A3A0

 B41900

 B4B2B2

 B4C2C4

 B4D1D6

 B4E1E8

 B4F0FA

# Harmonies

## Analogous

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



B66077



B46558



A47041

# Triad

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



B46558



3E895F



507CBA

# Complementary

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



B46558



58A7B4

# 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.



0085B4



B46558



008B7F

# Square

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



B46558



688445



008A9E



8570AF

# Rectangle

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



B46558



93773A



008A9E



3880BA



# Sweetspot

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



B46558



EBCCC7



B458A8



756360



F5F5F5



757575



# Same Dimension

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



B46558



EB705B



B49258



595250



991600



1A0400



# Inverse Universe

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



58A7B4



5BD6EB



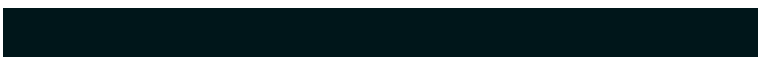
587AB4



505859



008399



00161A



# Previews

## White Background



This preview shows how the Hex color B46558 looks on a white background.

## Color Contrast Check

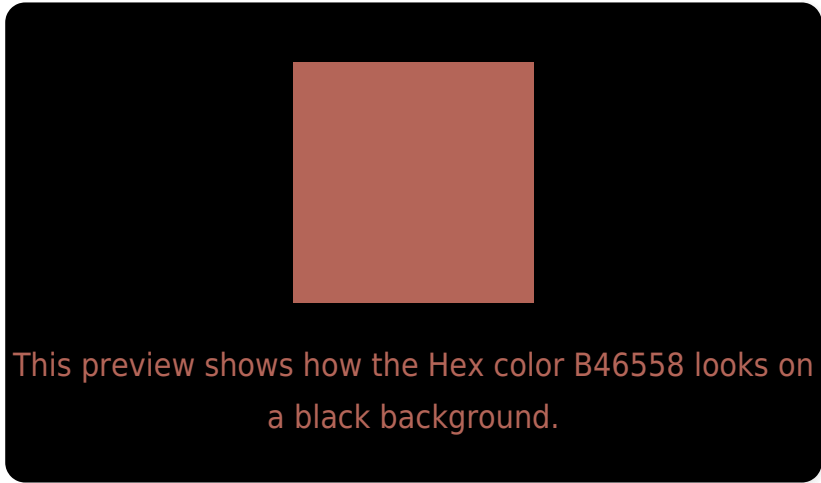
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 B46558 Background



This preview shows how black text looks on a background with the Hex color B46558.




This preview shows how white text looks on a background with the Hex color B46558.

# 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**  
B5626A

# Trichromacy



**Original Color**  
B46558

**Protanomaly**  
95735E

**Deuteranomaly**  
9F7056

**Tritanomaly**  
B56363

# Monochromacy



**Original Color**  
B46558

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
90736E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B46558 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 #B46558 looks like.

```
.text, #text, p{  
    color:#B46558  
}
```

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 #B46558 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B46558
}
```

## Border

The CSS property to change the border of an element to Hex B46558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

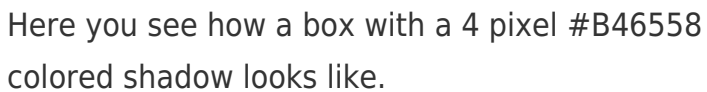
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B46558 }
```

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

```
.border{ border-color:#B46558 }
```

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



Here you see how a box with a 4 pixel #B46558 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B46558; -webkit-box-shadow:4px 4px  
4px 4px #B46558; box-shadow:4px 4px 4px  
4px #B46558 }
```

# Background

The CSS property to change the background color of an element to Hex B46558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B46558 }
```

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

```
.background{ background-color:#B46558 }
```

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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