

# Converting Colors

Hex(BB6460)

Have a look what the booklet for  
Hex(BB6460) contains.

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**Color**

**Hex(BB6460)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB6460
RGB	187, 100, 96
RGB Percent	73%, 39%, 38%
CMY	0.2667, 0.6078, 0.6235
CMYK	0.00, 0.47, 0.49, 0.27
HSL	3°, 40%, 55%
HSV	3°, 49%, 73%
XYZ	27.1620, 20.5237, 13.5962
YIQ	125.5570, 53.1360, 17.2000

# Conversions

## Conversions Part 2

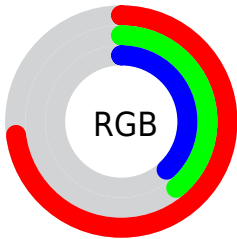
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 100, 96
Decimal	12280928
CIE <sub>Lab</sub>	52.42, 34.41, 18.01
CIE <sub>LCh</sub>	52, 38.835, 27.625
Yxy	20.5237, 0.4432, 0.3349
Android (android.graphics.Color)	4290471008 (0xFFBB6460)
YUV	125.5570, -14.5716, 53.8855
Hunter-Lab	45.3031, 27.7415, 13.9182

# Details

The Hex color **BB6460** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **60B7BB**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **F69893**, and **823232** is the 20% darker color. If you saturate the color by 10%, you get **BB524D**, and if you desaturate by 10%, it is **BB7673**.

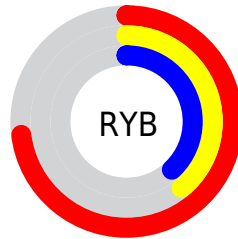
# Distribution



Red (73%)

Green (39%)

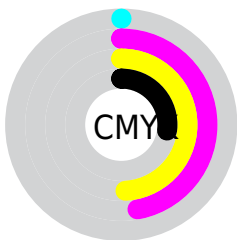
Blue (38%)



Red (73%)

Yellow (39%)

Blue (38%)

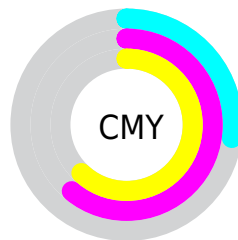


Cyan (0%)

Magenta (47%)

Yellow (49%)

Black (27%)



Cyan (27%)

Magenta (61%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB6460 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 BB6460 by changing the saturation by 10% instead.



 BB6460

 BB6460

FFFFFF

 9E4B48

 F69893

 823232

 FFB4AD

 66191D

 FFD0C8

 4C0004

 FFECE5

 320000

 050000

 000000

 BB6460

 BB6460

 BB524D

 BB7673

 BB403B

 BB8885

 BB2E28

 BB9A98

 BB1C15

 BBACAB

 BB0B03

 BBBDBE

 BB0800

 BBCFD0

 BBE1E3

 BBF3F6

 BBFFFF

# Harmonies

## Analogous

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



B96181



BB6460



AD6E45

# Triad

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



BB6460



498B58



3C81BF

# Complementary

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



BB6460



60B7BB

# 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.



008AB5



BB6460



008E79

# Square

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



BB6460



728440



008E9B



7B75B8

# Rectangle

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



BB6460



9D763B



008E9B



1585BE



# Sweetspot

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



BB6460



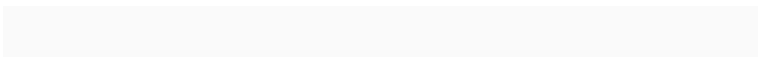
F2D0CE



BB60B8



7A6564



F9FAFA



7A7A7A



# Same Dimension

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



BB6460



F26C66



BB9160



5E5555



9E0700



1F0100



# Inverse Universe

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



60B7BB



66ECF2



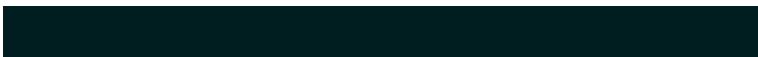
608ABB



555E5E



00979E

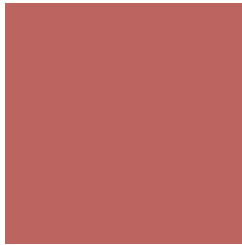


001D1F



# Previews

## White Background



This preview shows how the Hex color BB6460 looks on a white background.

## Color Contrast Check

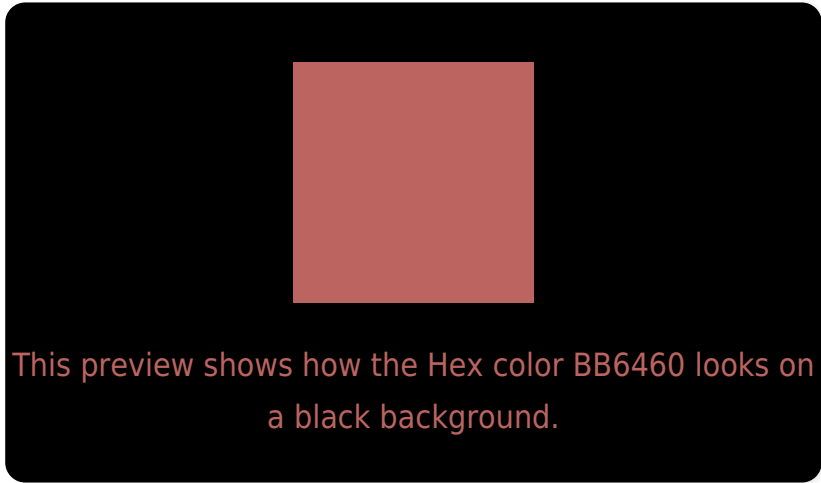
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB6460 Background



This preview shows how black text looks on a background with the Hex color BB6460.



This preview shows how white text looks on a background with the Hex color BB6460.

# 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**  
BB6460

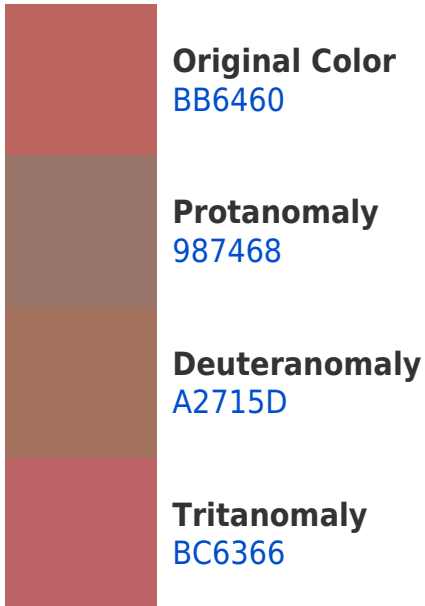
**Protanopia**  
847D6C

**Deuteranopia**  
94785C



**Tritanopia**  
BC636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB6460 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 #BB6460 looks like.

```
.text, #text, p{  
    color:#BB6460  
}
```

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 #BB6460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB6460
}
```

## Border

The CSS property to change the border of an element to Hex BB6460 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
#BB6460 }
```

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

```
.border{ border-color:#BB6460 }
```

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

Here you see how a box with a 4 pixel #BB6460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB6460; -webkit-box-shadow:4px 4px  
4px 4px #BB6460; box-shadow:4px 4px 4px  
4px #BB6460 }
```

# Background

The CSS property to change the background color of an element to Hex BB6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB6460 }
```

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

```
.background{ background-color:#BB6460 }
```

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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