

# Converting Colors

Hex(BB7455)

Have a look what the booklet for  
Hex(BB7455) contains.

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# Color

**Hex(BB7455)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB7455
RGB	187, 116, 85
RGB Percent	73%, 45%, 33%
CMY	0.2667, 0.5451, 0.6667
CMYK	0.00, 0.38, 0.55, 0.27
HSL	18°, 43%, 53%
HSV	18°, 55%, 73%
XYZ	28.3786, 23.7115, 11.6754
YIQ	133.6950, 52.2670, 5.4110

# Conversions

## Conversions Part 2

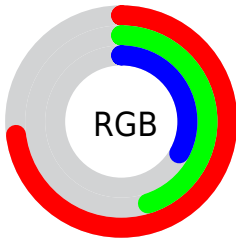
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 130, 85
Decimal	12285013
CIE <sub>Lab</sub>	55.80, 24.71, 28.77
CIE <sub>LCh</sub>	56, 37.928, 49.341
Yxy	23.7115, 0.4450, 0.3719
Android (android.graphics.Color)	4290475093 (0xFFBB7455)
YUV	133.6950, -24.0066, 46.7485
Hunter-Lab	48.6944, 18.8127, 19.8702

# Details

The Hex color **BB7455** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **559CBB**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F6A987**, and **824327** is the 20% darker color. If you saturate the color by 10%, you get **BB6742**, and if you desaturate by 10%, it is **BB8168**.

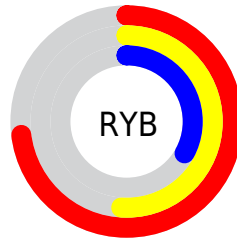
# Distribution



Red (73%)

Green (45%)

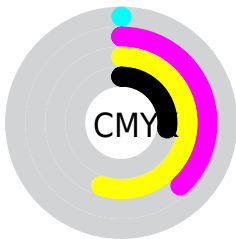
Blue (33%)



Red (73%)

Yellow (51%)

Blue (33%)

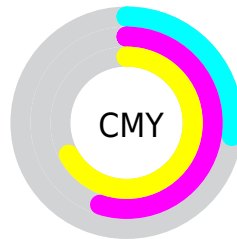


Cyan (0%)

Magenta (38%)

Yellow (55%)

Black (27%)



Cyan (27%)

Magenta (55%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB7455 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 BB7455 by changing the saturation by 10% instead.



 BB7455

 BB7455

FFFFFF

 9E5B3D

 F6A987

 824327

 FFC4A2

 672C11

 FFE0BD

 4C1500

 FFFDD9

 320000

 FFFFF5

 100000

 000000

 BB7455

 BB7455

 BB6742

 BB8168

 BB5A30

 BB8E7A

 BB4D1D

 BB9B8D

 BB400A

 BBA8A0

 BB3900

 BBB5B3

 BBC2C5

 BBCFD8

 BBDCEB

 BBE9FD

# Harmonies

## Analogous

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



C56C72



BB7455



A48044

# Triad

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



BB7455



2B9678



7682C4

# Complementary

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



BB7455



559CBB

# 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.



348DC6



BB7455



00979A

# Square

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



BB7455



5F9259



0094B7



A375B1

# Rectangle

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



BB7455



908743



0094B7



6386C6



# Sweetspot

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



BB7455



F2D7CB



BB559C



7A6A63



FAFAFA



7A7A7A



# Same Dimension

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



BB7455



F28555



BBA755



5E5855



9E3000



1F0900



# Inverse Universe

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



559CBB



55C2F2



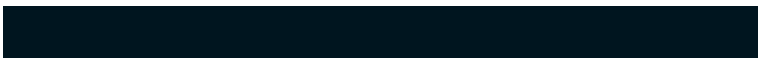
5569BB



555B5E



006E9E



00151F



# Previews

## White Background



This preview shows how the Hex color BB7455 looks on a white background.

## Color Contrast Check

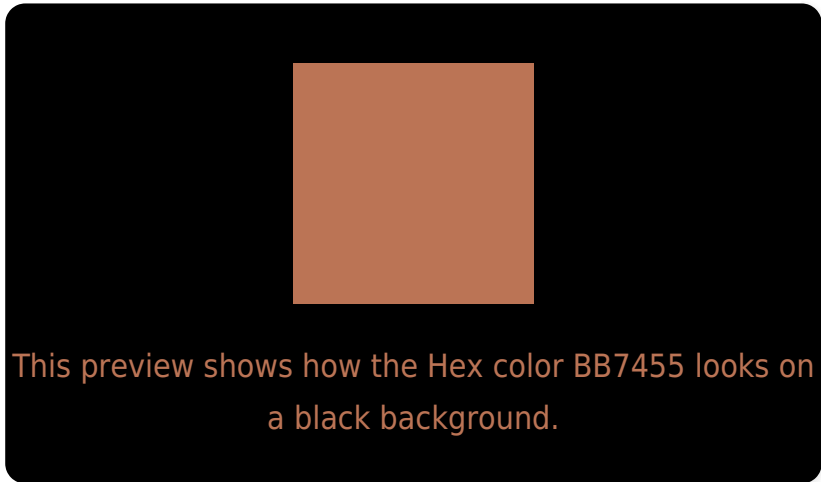
Large Text (above 18pt) WCAG AA ✓ Pass

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

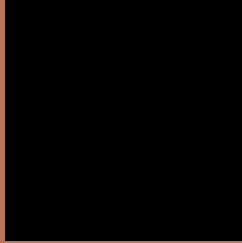
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BB7455 Background



This preview shows how black text looks on a background with the Hex color BB7455.



This preview shows how white text looks on a background with the Hex color BB7455.

# 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**  
BB7455

**Protanopia**  
91865C

**Deuteranopia**  
A28053



**Tritanopia**  
BE6F78

# Trichromacy



**Original Color**  
BB7455

**Protanomaly**  
A07F59

**Deuteranomaly**  
AB7C54

**Tritanomaly**  
BD716B

# Monochromacy



**Original Color**  
BB7455

**Achromatopsia**  
868686

**Achromatomaly**  
997F74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB7455 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 #BB7455 looks like.

```
.text, #text, p{  
    color:#BB7455  
}
```

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 #BB7455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB7455
}
```

## Border

The CSS property to change the border of an element to Hex BB7455 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
#BB7455 }
```

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

```
.border{ border-color:#BB7455 }
```

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

Here you see how a box with a 4 pixel #BB7455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB7455; -webkit-box-shadow:4px 4px  
4px 4px #BB7455; box-shadow:4px 4px 4px  
4px #BB7455 }
```

# Background

The CSS property to change the background color of an element to Hex BB7455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB7455 }
```

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

```
.background{ background-color:#BB7455 }
```

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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