

Converting Colors

Hex(BB744F)

Have a look what the booklet for
Hex(BB744F) contains.

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Color

Hex(BB744F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BB744F |
| RGB | 187, 116, 79 |
| RGB Percent | 73%, 45%, 31% |
| CMY | 0.2667, 0.5451, 0.6902 |
| CMYK | 0.00, 0.38, 0.58, 0.27 |
| HSL | 21°, 44%, 52% |
| HSV | 21°, 58%, 73% |
| XYZ | 28.1502, 23.6201, 10.4726 |
| YIQ | 133.0110, 54.1930, 3.5450 |

Conversions

Conversions Part 2

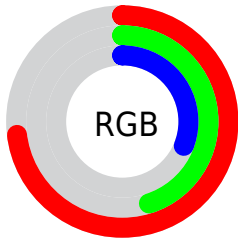
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 187, 135, 79 |
| Decimal | 12285007 |
| CIELab | 55.71, 24.21, 31.99 |
| CIElCh | 56, 40.123, 52.884 |
| Yxy | 23.6201, 0.4523, 0.3795 |
| Android (android.graphics.Color) | 4290475087 (0xFFBB744F) |
| YUV | 133.0110, -26.6274, 47.3484 |
| Hunter-Lab | 48.6005, 18.3392, 21.2444 |

Details

The Hex color **BB744F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4F96BB**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **F6A981**, and **824321** is the 20% darker color. If you saturate the color by 10%, you get **BB683C**, and if you desaturate by 10%, it is **BB8062**.

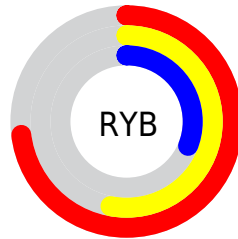
Distribution



Red (73%)

Green (45%)

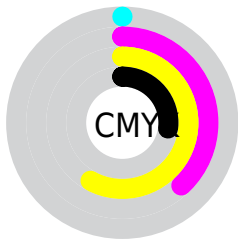
Blue (31%)



Red (73%)

Yellow (53%)

Blue (31%)

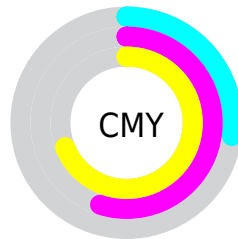


Cyan (0%)

Magenta (38%)

Yellow (58%)

Black (27%)



Cyan (27%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB744F 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 BB744F by changing the saturation by 10% instead.

 BB744F

 BB744F

FFFFFF

 9E5B38

 F6A981

 824321

 FFC49B

 662C0B

 FFE0B6

 4B1500

 FFFDD2

 310000

 FFFFEE

 0E0000

 000000

 BB744F

 BB744F

 BB683C

 BB8062

 BB5B2A

 BB8D74

 BB4F17

 BB9987

 BB4304

 BBA59A

 BB4000

 BBB1AC

 BBEBF

 BBCAD2

 BBD6E5

 BBE3F7

Harmonies

Analogous

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



C76A6C



BB744F



A2813F

Triad

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



BB744F



0E977C



7B80C6

Complementary

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



BB744F



4F96BB

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.



338CCA



BB744F



00979F

Square

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



BB744F



57935A



0094BC



A972B0

Rectangle

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



BB744F



8C883F



0094BC



6784C9

Sweetspot

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



BB744F



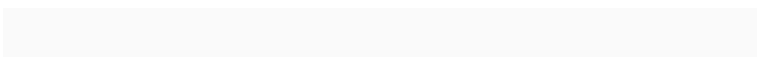
F2D7C9



BB4F97



7A6A62



FAFAFA



7A7A7A

Same Dimension

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



BB744F



F2844B



BBA94F



5E5855



9E3600



1F0A00

Inverse Universe

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



4F96BB



4BB9F2



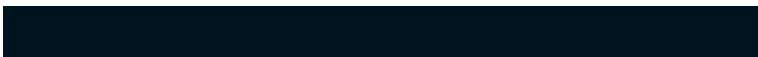
4F61BB



555B5E



00689E



00141F

Previews

White Background



This preview shows how the Hex color BB744F looks on a white background.

Color Contrast Check

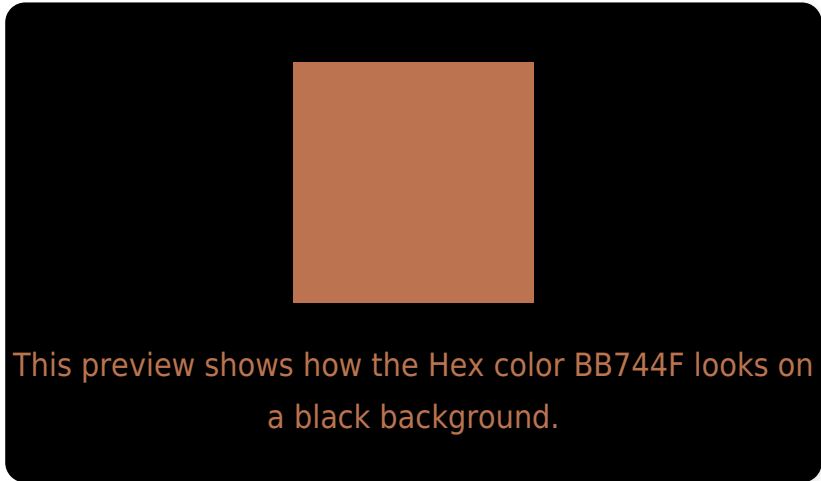
Large Text (above 18pt) WCAG AA ✓ Pass

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

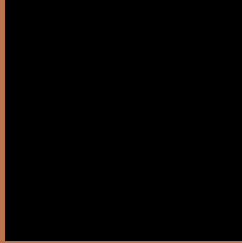
Any Text WCAG AA ✓ Pass

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 BB744F Background



This preview shows how black text looks on a background with the Hex color BB744F.



This preview shows how white text looks on a background with the Hex color BB744F.

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
BB744F

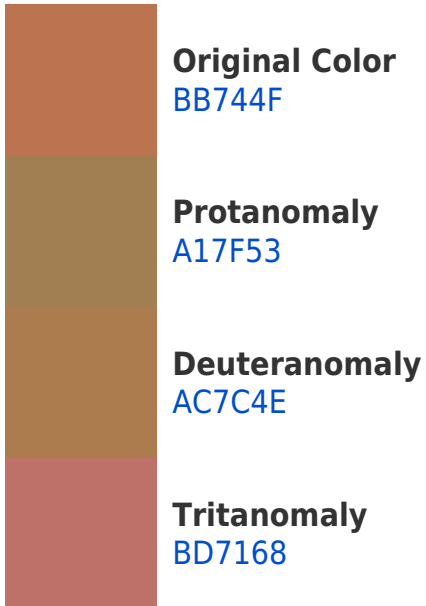
Protanopia
928656

Deuteranopia
A3804D

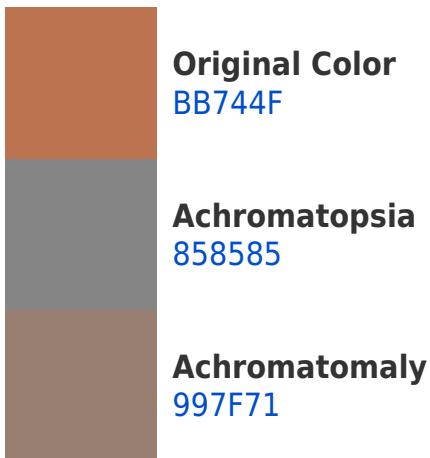


Tritanopia
BE6F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB744F 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 #BB744F looks like.

```
.text, #text, p{  
    color:#BB744F  
}
```

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 #BB744F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB744F
}
```

Border

The CSS property to change the border of an element to Hex BB744F 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
#BB744F }
```

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

```
.border{ border-color:#BB744F }
```

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

Here you see how a box with a 4 pixel #BB744F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB744F; -webkit-box-shadow:4px 4px  
4px 4px #BB744F; box-shadow:4px 4px 4px  
4px #BB744F }
```

Background

The CSS property to change the background color of an element to Hex BB744F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB744F }
```

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

```
.background{ background-color:#BB744F }
```

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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