

Converting Colors

Hex(BB9744)

Have a look what the booklet for
Hex(BB9744) contains.

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Color

Hex(BB9744)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BB9744 |
| RGB | 187, 151, 68 |
| RGB Percent | 73%, 59%, 27% |
| CMY | 0.2667, 0.4078, 0.7333 |
| CMYK | 0.00, 0.19, 0.64, 0.27 |
| HSL | 42°, 47%, 50% |
| HSV | 42°, 64%, 73% |
| XYZ | 32.6035, 33.1154, 10.1424 |
| YIQ | 152.3020, 48.0990, -18.1810 |

Conversions

Conversions Part 2

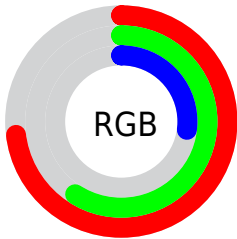
| Format | Color |
|-------------------------------------|---|
| RYB | 120, 187, 68 |
| Decimal | 12293956 |
| CIELab | 64.25, 4.09, 47.71 |
| CIELCh | 64, 47.882, 85.106 |
| Yxy | 33.1154, 0.4298, 0.4365 |
| Android (android.graphics.Color) | 4290484036 (0xFFBB9744) |
| YUV | 152.3020, -41.5609, 30.4301 |
| Hunter-Lab | 57.5460, 0.4264, 29.8324 |

Details

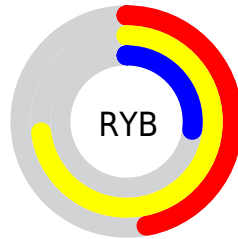
The Hex color **BB9744** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4468BB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F6CD77**, and **82640F** is the 20% darker color. If you saturate the color by 10%, you get **BB9131**, and if you desaturate by 10%, it is **BB9D57**.

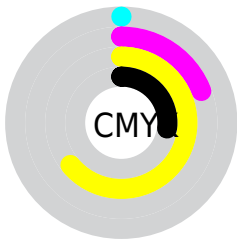
Distribution



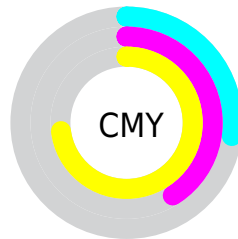
- Red (73%)
- Green (59%)
- Blue (27%)



- Red (47%)
- Yellow (73%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (64%)
- Black (27%)



- Cyan (27%)
- Magenta (41%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB9744 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 BB9744 by changing the saturation by 10% instead.



BB9744



BB9744

FFFFFF



9E7D2B



F6CD77



82640F



FFE992



674D00



FFFFAD



4D3600



FFFFC9



332100



FFFFE5



1A0C00



000000



BB9744



BB9744



BB9131



BB9D57

 BB8C1F

 BBA269

 BB860C

 BBA87C

 BB8200

 BBAE8F

 BBB3A2

 BBB9B4

 BBBFC7

 BBC4DA

 BBCEAC

Harmonies

Analogous

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



DB8757



BB9744



91A44B

Triad

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



BB9744



00B1BF



CA83CD

Complementary

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



BB9744



4468BB

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.



9493E9



BB9744



00ACE1

Square

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



BB9744



00B193



37A2F1



E778A5

Rectangle

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



BB9744



70AA5D



37A2F1



BB88D8

Sweetspot

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



BB9744



F2E4C4



BB446A



7A725E



FAFAFA



7A7A7A

Same Dimension

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



BB9744



F2BB3A



A5BB44



5E5B55



9E6E00



1F1500

Inverse Universe

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



4468BB



3A72F2



5A44BB



55585E



00309E



00091F

Previews

White Background



This preview shows how the Hex color BB9744 looks on a white background.

Color Contrast Check

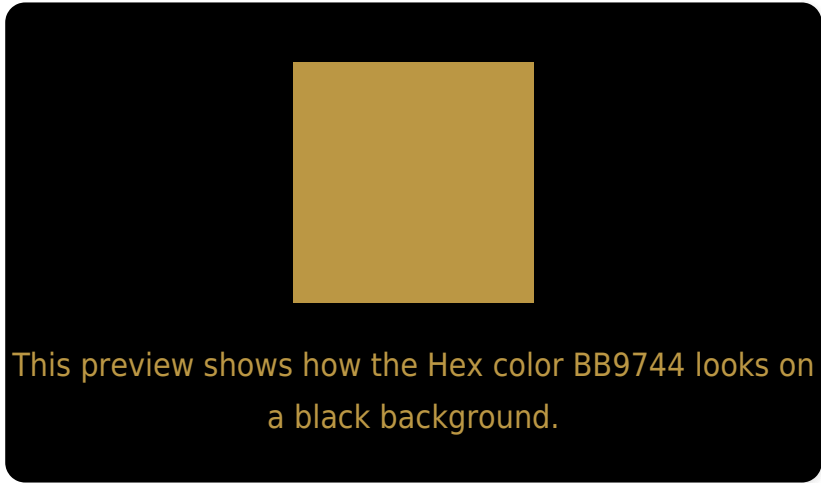
Large Text (above 18pt) WCAG AA × Fail

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

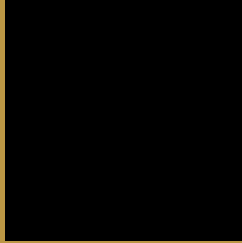
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex BB9744 Background



This preview shows how black text looks on a background with the Hex color BB9744.



This preview shows how white text looks on a background with the Hex color BB9744.

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
BB9744

Protanopia
AD9C46

Deuteranopia
C19445

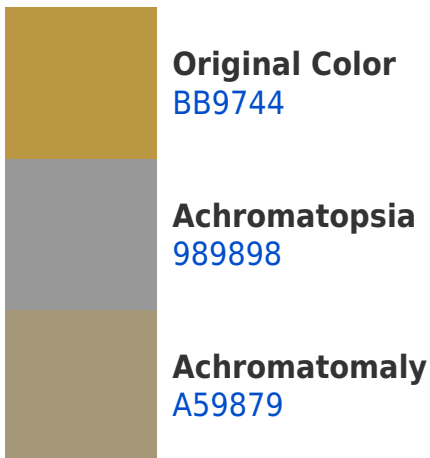


Tritanopia
C28E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB9744 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 #BB9744 looks like.

```
.text, #text, p{  
    color:#BB9744  
}
```

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 #BB9744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9744
}
```

Border

The CSS property to change the border of an element to Hex BB9744 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
#BB9744 }
```

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

```
.border{ border-color:#BB9744 }
```

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

Here you see how a box with a 4 pixel #BB9744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9744; -webkit-box-shadow:4px 4px  
4px 4px #BB9744; box-shadow:4px 4px 4px  
4px #BB9744 }
```

Background

The CSS property to change the background color of an element to Hex BB9744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9744 }
```

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

```
.background{ background-color:#BB9744 }
```

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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