

# Converting Colors

Hex(BB9554)

Have a look what the booklet for  
Hex(BB9554) contains.

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**Color**

**Hex(BB9554)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB9554
RGB	187, 149, 84
RGB Percent	73%, 58%, 33%
CMY	0.2667, 0.4157, 0.6706
CMYK	0.00, 0.20, 0.55, 0.27
HSL	38°, 43%, 53%
HSV	38°, 55%, 73%
XYZ	32.8412, 32.6998, 12.9683
YIQ	152.9520, 43.5130, -12.1590

# Conversions

## Conversions Part 2

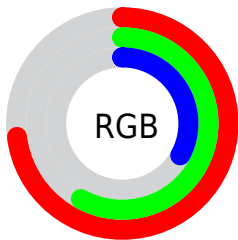
Format	Color
<a href="#">RYB</a>	<a href="#">144, 187, 84</a>
Decimal	<a href="#">12293460</a>
CIELab	<a href="#">63.92, 6.39, 39.39</a>
CIElCh	<a href="#">64, 39.901, 80.789</a>
Yxy	<a href="#">32.6998, 0.4183, 0.4165</a>
Android (android.graphics.Color)	<a href="#">4290483540 (0xFFBB9554)</a>
YUV	<a href="#">152.9520, -33.9933, 29.8601</a>
Hunter-Lab	<a href="#">57.1837, 2.4429, 26.5827</a>

# Details

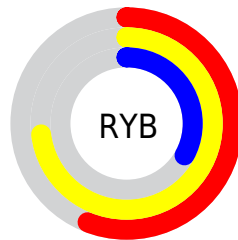
The Hex color **BB9554** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **547ABB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F5CB87**, and **836224** is the 20% darker color. If you saturate the color by 10%, you get **BB8E41**, and if you desaturate by 10%, it is **BB9C67**.

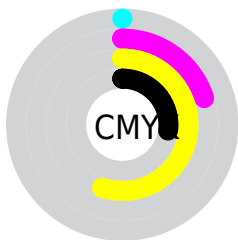
# Distribution



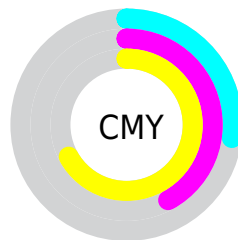
- Red (73%)
- Green (58%)
- Blue (33%)



- Red (56%)
- Yellow (73%)
- Blue (33%)



- Cyan (0%)
- Magenta (20%)
- Yellow (55%)
- Black (27%)



- Cyan (27%)
- Magenta (42%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB9554 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 BB9554 by changing the saturation by 10% instead.



 BB9554

 BB9554

FFFFFF

 9F7B3C

 F5CB87

 836224

 FFE7A2

 684B0A

 FFFFBD

 4E3400

 FFFFD9

 341F00

 FFFFF6

 1C0900

 000000

 BB9554

 BB9554

 BB8E41

 BB9C67

 BB872F

 BBA379

 BB801C

 BBAA8C

 BB7909

 BBB19F

 BB7600

 BBB7B2

 BBBEC4

 BBC5D7

 BBCCEA

 BBD3FC

# Harmonies

## Analogous

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



D48865



BB9554



99A057

# Triad

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



BB9554



00ADB3



BD88C8

# Complementary

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



BB9554



547ABB

# 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.



8E96DD



BB9554



00AAD1

# Square

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



BB9554



3BAD8E



4CA2E1



D87FA7

# Rectangle

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



BB9554



7EA663



4CA2E1



AF8DD1

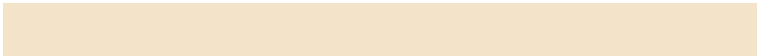


# Sweetspot

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



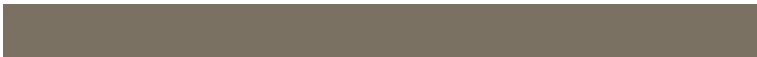
BB9554



F2E3C9



BB547B



7A7162



FAFAFA



7A7A7A



# Same Dimension

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



BB9554



F2B752



AFBB54



5E5B55



9E6400



1F1300



# Inverse Universe

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



547ABB



528DF2



6054BB



55585E



003A9E

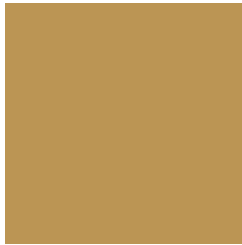


000B1F



# Previews

## White Background



This preview shows how the Hex color BB9554 looks on a white background.

## Color Contrast Check

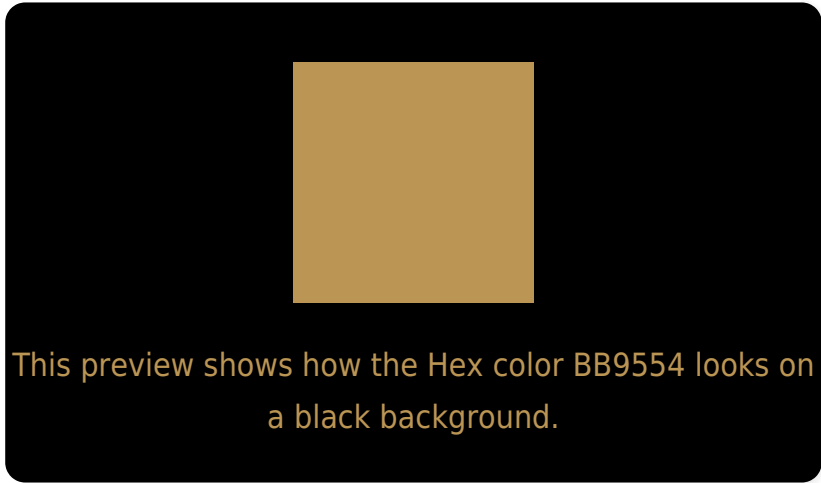
Large Text (above 18pt) WCAG AA × Fail

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 BB9554 Background



This preview shows how black text looks on a background with the Hex color BB9554.



This preview shows how white text looks on a background with the Hex color BB9554.

# 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**  
BB9554

**Protanopia**  
AA9B56

**Deuteranopia**  
BE9454

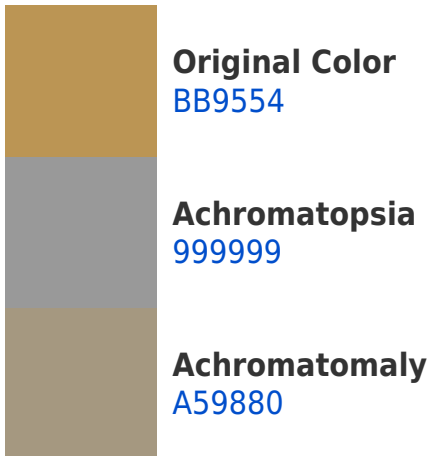


**Tritanopia**  
C18D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB9554 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 #BB9554 looks like.

```
.text, #text, p{  
    color:#BB9554  
}
```

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 #BB9554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB9554
}
```

## Border

The CSS property to change the border of an element to Hex BB9554 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
#BB9554 }
```

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

```
.border{ border-color:#BB9554 }
```

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

Here you see how a box with a 4 pixel #BB9554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB9554; -webkit-box-shadow:4px 4px  
4px 4px #BB9554; box-shadow:4px 4px 4px  
4px #BB9554 }
```

# Background

The CSS property to change the background color of an element to Hex BB9554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB9554 }
```

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

```
.background{ background-color:#BB9554 }
```

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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