

Converting Colors

Hex(BB993A)

Have a look what the booklet for
Hex(BB993A) contains.

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Color

Hex(BB993A)

Conversions

Conversions Part 1

Format	Color
Hex	BB993A
RGB	187, 153, 58
RGB Percent	73%, 60%, 23%
CMY	0.2667, 0.4000, 0.7725
CMYK	0.00, 0.18, 0.69, 0.27
HSL	44°, 53%, 48%
HSV	44°, 69%, 73%
XYZ	32.6485, 33.6527, 8.7779
YIQ	152.3360, 50.7590, -22.3370

Conversions

Conversions Part 2

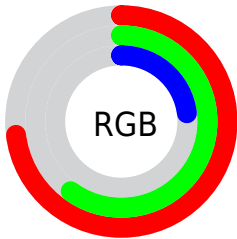
Format	Color
RYB	104, 187, 58
Decimal	12294458
CIELab	64.69, 2.38, 52.72
CIELCh	65, 52.769, 87.410
Yxy	33.6527, 0.4349, 0.4482
Android (android.graphics.Color)	4290484538 (0xFFBB993A)
YUV	152.3360, -46.5076, 30.4003
Hunter-Lab	58.0110, -1.0598, 31.6363

Details

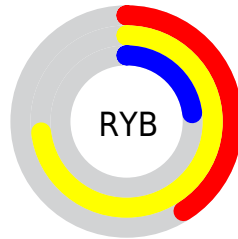
The Hex color **BB993A** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3A5CBB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **F6CF6E**, and **826600** is the 20% darker color. If you saturate the color by 10%, you get **BB9427**, and if you desaturate by 10%, it is **BB9E4D**.

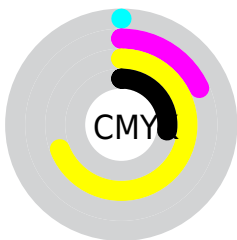
Distribution



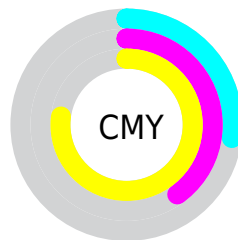
- Red (73%)
- Green (60%)
- Blue (23%)



- Red (41%)
- Yellow (73%)
- Blue (23%)



- Cyan (0%)
- Magenta (18%)
- Yellow (69%)
- Black (27%)



- Cyan (27%)
- Magenta (40%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB993A 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 BB993A by changing the saturation by 10% instead.

 BB993A

 BB993A

FFFFFF

 9E7F1F

 F6CF6E

 826600

 FFE889

 674F00

 FFFFA4

 4C3800

 FFFFC0

 322300

 FFFFDC

 190E00

 FFFFF9

 000000

 BB993A

 BB993A

 BB9427

 BB9E4D

 BB8F15

 BBA35F

 BB8A02

 BBA872

 BB8A00

 BBAD85

 BBB298

 BBB7AA

 BBBCBD

 BBC0D0

 BBC5E2

Harmonies

Analogous

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



DF874E



BB993A



8CA745

Triad

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



BB993A



00B4C7



D37FD0

Complementary

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



BB993A



3A5CBB

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.



9892F1



BB993A



00AFEC

Square

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



BB993A



00B497



26A3FB



F074A3

Rectangle

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



BB993A



66AD5A



26A3FB



C385DD

Sweetspot

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



BB993A



F2E5BF



BB3A5C



7A725C



FAFAFA



7A7A7A

Same Dimension

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



BB993A



F2BD29



9DBB3A



5E5C55



9E7400



1F1700

Inverse Universe

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



3A5CBB



295EF2



583ABB



55575E



002A9E



00081F

Previews

White Background



This preview shows how the Hex color BB993A looks on a white background.

Color Contrast Check

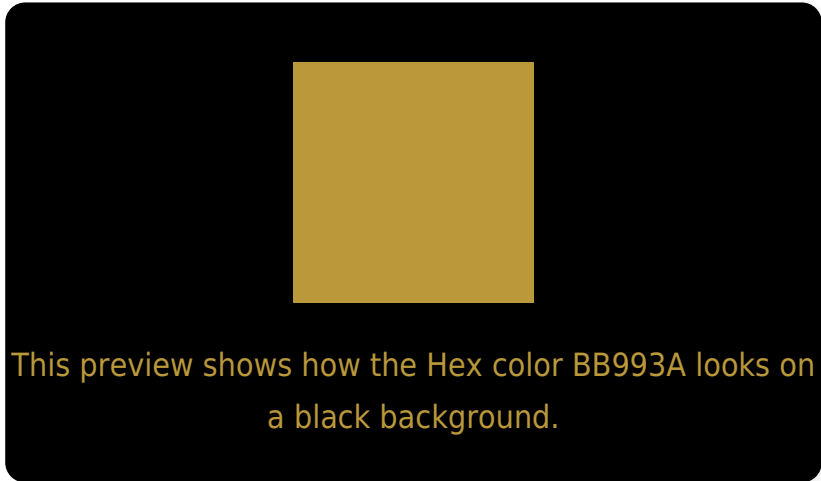
Large Text (above 18pt) WCAG AA × Fail

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 BB993A Background



This preview shows how black text looks on a background with the Hex color BB993A.



This preview shows how white text looks on a background with the Hex color BB993A.

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
BB993A

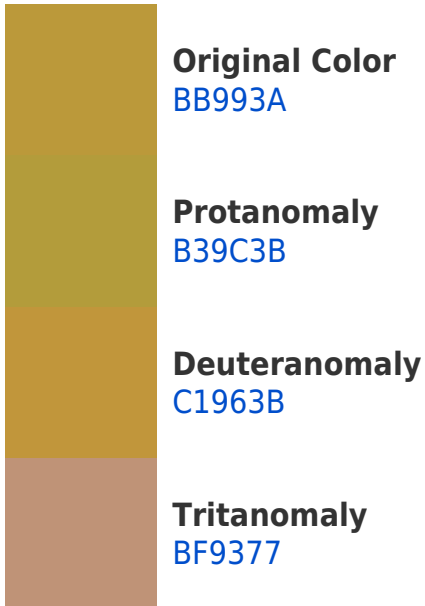
Protanopia
AF9D3B

Deuteranopia
C4953B

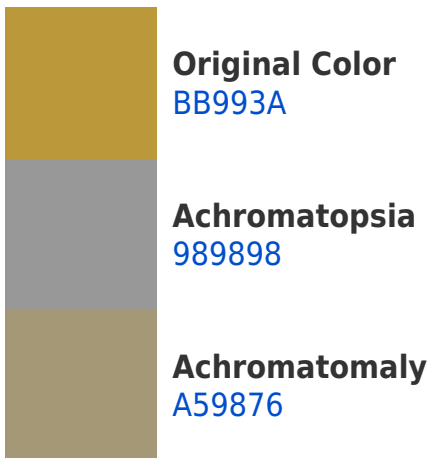


Tritanopia
C28F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB993A 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 #BB993A looks like.

```
.text, #text, p{  
    color:#BB993A  
}
```

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 #BB993A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB993A
}
```

Border

The CSS property to change the border of an element to Hex BB993A 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
#BB993A }
```

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

```
.border{ border-color:#BB993A }
```

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

Here you see how a box with a 4 pixel #BB993A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB993A; -webkit-box-shadow:4px 4px  
4px 4px #BB993A; box-shadow:4px 4px 4px  
4px #BB993A }
```

Background

The CSS property to change the background color of an element to Hex BB993A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB993A }
```

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

```
.background{ background-color:#BB993A }
```

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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