

Converting Colors

Hex(B9953B)

Have a look what the booklet for
Hex(B9953B) contains.

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Color

Hex(B9953B)

Conversions

Conversions Part 1

Format	Color
Hex	B9953B
RGB	185, 149, 59
RGB Percent	73%, 58%, 23%
CMY	0.2745, 0.4157, 0.7686
CMYK	0.00, 0.19, 0.68, 0.27
HSL	43°, 52%, 48%
HSV	43°, 68%, 73%
XYZ	31.5444, 32.1249, 8.6758
YIQ	149.5040, 50.3460, -20.3580

Conversions

Conversions Part 2

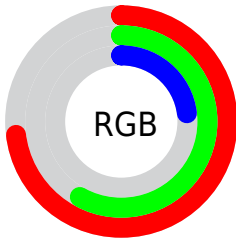
Format	Color
RYB	109, 185, 59
Decimal	12162363
CIELab	63.45, 3.74, 50.91
CIELCh	63, 51.050, 85.802
Yxy	32.1249, 0.4360, 0.4441
Android (android.graphics.Color)	4290352443 (0xFFB9953B)
YUV	149.5040, -44.6185, 31.1300
Hunter-Lab	56.6789, 0.1556, 30.5997

Details

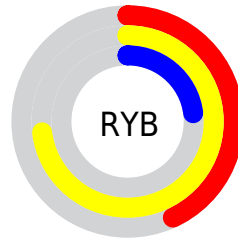
The Hex color **B9953B** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3B5FB9**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F4CB6F**, and **806300** is the 20% darker color. If you saturate the color by 10%, you get **B99029**, and if you desaturate by 10%, it is **B99A4E**.

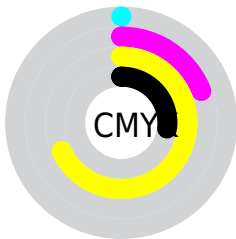
Distribution



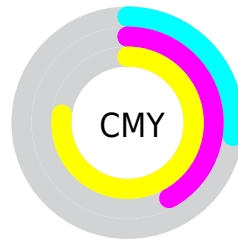
- Red (73%)
- Green (58%)
- Blue (23%)



- Red (43%)
- Yellow (73%)
- Blue (23%)



- Cyan (0%)
- Magenta (19%)
- Yellow (68%)
- Black (27%)



- Cyan (27%)
- Magenta (42%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9953B 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 B9953B by changing the saturation by 10% instead.

 B9953B

 B9953B

FFFFFF

 9C7B21

 F4CB6F

 806300

 FFE789

 654B00

 FFFFA4

 4A3500

 FFFFC0

 302000

 FFFFDC

 170900

 FFFFF9

 000000

 B9953B

 B9953B

 B99029

 B99A4E

 B98A16

 B9A060

 B98504

 B9A573

 B98400

 B9AA85

 B9AF98

 B9B5AA

 B9BABD

 B9BFCF

 B9C5E2

Harmonies

Analogous

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



DB844F



B9953B



8CA343

Triad

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



B9953B



00B0C0



CB7ECD

Complementary

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



B9953B



3B5FB9

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.



9290EC



B9953B



00ABE4

Square

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



B9953B



00B091



1FA0F4



E973A2

Rectangle

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



B9953B



69A958



1FA0F4



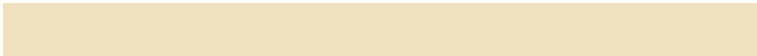
BB84D9

Sweetspot

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



B9953B



F0E2C0



B93B61



78705B



F7F7F7



787878

Same Dimension

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



B9953B



F0B82B



A0B93B



5C5953



9C6F00



1C1400

Inverse Universe

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



3B5FB9



2B63F0



543BB9



53555C



002C9C



00081C

Previews

White Background



This preview shows how the Hex color B9953B looks on a white background.

Color Contrast Check

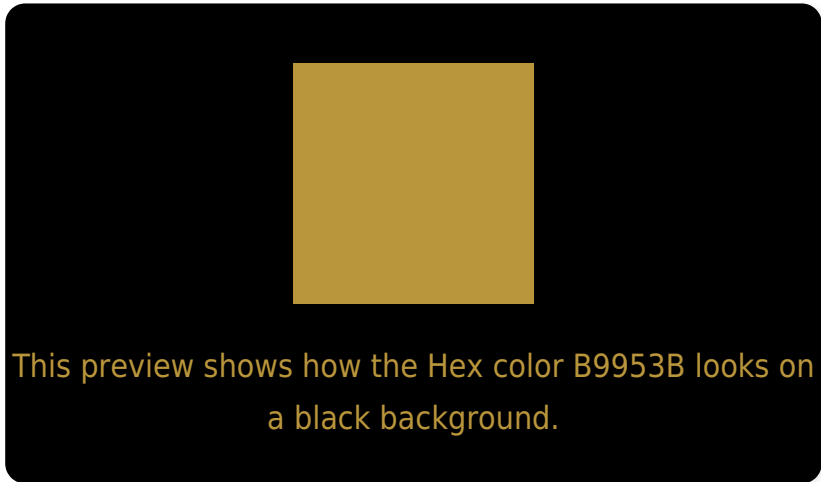
Large Text (above 18pt) WCAG AA × Fail

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 B9953B Background



This preview shows how black text looks on a background with the Hex color B9953B.



This preview shows how white text looks on a background with the Hex color B9953B.

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
B9953B

Protanopia
AC9A3C

Deuteranopia
C0923C

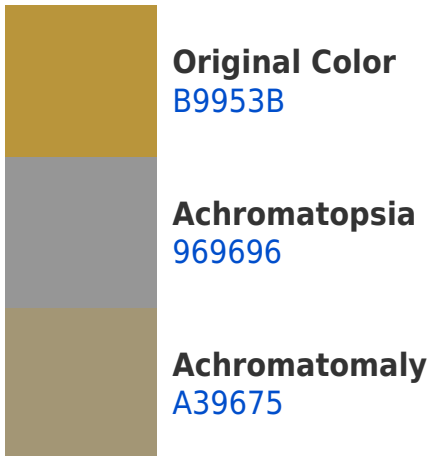


Tritanopia
C08C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B9953B 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 #B9953B looks like.

```
.text, #text, p{  
    color:#B9953B  
}
```

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 #B9953B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9953B
}
```

Border

The CSS property to change the border of an element to Hex B9953B 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
#B9953B }
```

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

```
.border{ border-color:#B9953B }
```

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

Here you see how a box with a 4 pixel #B9953B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9953B; -webkit-box-shadow:4px 4px  
4px 4px #B9953B; box-shadow:4px 4px 4px  
4px #B9953B }
```

Background

The CSS property to change the background color of an element to Hex B9953B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9953B }
```

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

```
.background{ background-color:#B9953B }
```

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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