

Converting Colors

Hex(B99E51)

Have a look what the booklet for
Hex(B99E51) contains.

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Color

Hex(B99E51)

Conversions

Conversions Part 1

Format	Color
Hex	B99E51
RGB	185, 158, 81
RGB Percent	73%, 62%, 32%
CMY	0.2745, 0.3804, 0.6824
CMYK	0.00, 0.15, 0.56, 0.27
HSL	44°, 43%, 52%
HSV	44°, 56%, 73%
XYZ	33.7196, 35.3621, 12.8329
YIQ	157.2950, 40.8090, -18.2230

Conversions

Conversions Part 2

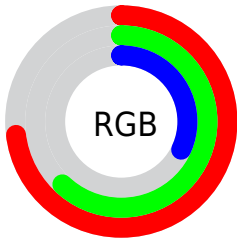
Format	Color
RYB	117, 185, 81
Decimal	12164689
CIELab	66.03, 0.38, 43.37
CIELCh	66, 43.374, 89.495
Yxy	35.3621, 0.4116, 0.4317
Android (android.graphics.Color)	4290354769 (0xFFB99E51)
YUV	157.2950, -37.6134, 24.2973
Hunter-Lab	59.4660, -2.8488, 28.8313

Details

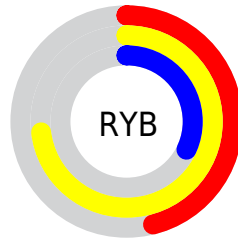
The Hex color **B99E51** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **516CB9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F3D484**, and **816B1F** is the 20% darker color. If you saturate the color by 10%, you get **B9993E**, and if you desaturate by 10%, it is **B9A364**.

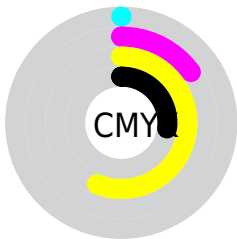
Distribution



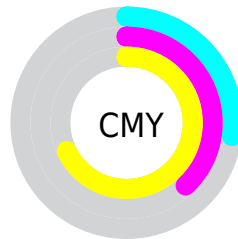
- Red (73%)
- Green (62%)
- Blue (32%)



- Red (46%)
- Yellow (73%)
- Blue (32%)



- Cyan (0%)
- Magenta (15%)
- Yellow (56%)
- Black (27%)



- Cyan (27%)
- Magenta (38%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color B99E51 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 B99E51 by changing the saturation by 10% instead.



B99E51



B99E51

FFFFFF



9D8438



F3D484



816B1F



FFF19F



665302



FFFFBB



4D3C00



FFFFD7



332700



FFFFF3



1A1300



000000



B99E51



B99E51



B9993E



B9A364

 B9942C

 B9A876

 B99019

 B9AC89

 B98B07

 B9B19B

 B98900

 B9B6AD

 B9BBC0

 B9C0D3

 B9C4E5

 B9C9F7

Harmonies

Analogous

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



D8905E



B99E51



91AA5B

Triad

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



B99E51



00B4C6



D088C9

Complementary

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



B99E51



516CB9

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.



A397E4



B99E51



00AFE3

Square

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



B99E51



05B59E



5FA5EE



E881A3

Rectangle

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



B99E51



72AF6C



5FA5EE



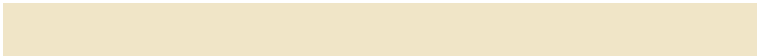
C38DD3

Sweetspot

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



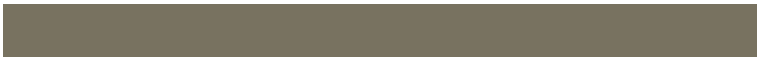
B99E51



F0E5C7



B9516D



787260



F7F7F7



787878

Same Dimension

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



B99E51



F0C64F



A1B951



5C5953



9C7300



1C1500

Inverse Universe

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



516CB9



4F79F0



6951B9



53555C



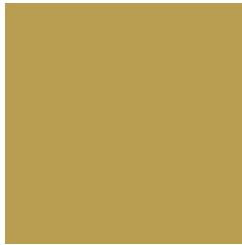
00289C



00071C

Previews

White Background



This preview shows how the Hex color B99E51 looks on a white background.

Color Contrast Check

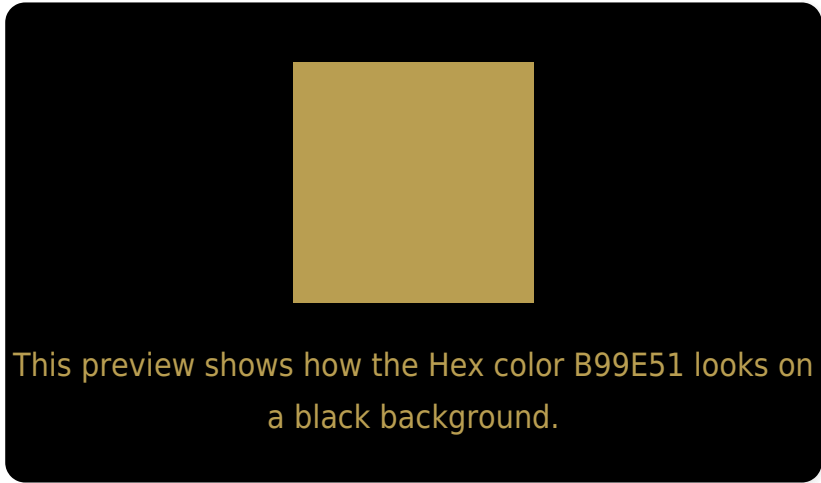
Large Text (above 18pt) WCAG AA × Fail

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 B99E51 Background



This preview shows how black text looks on a background with the Hex color B99E51.



This preview shows how white text looks on a background with the Hex color B99E51.

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
B99E51

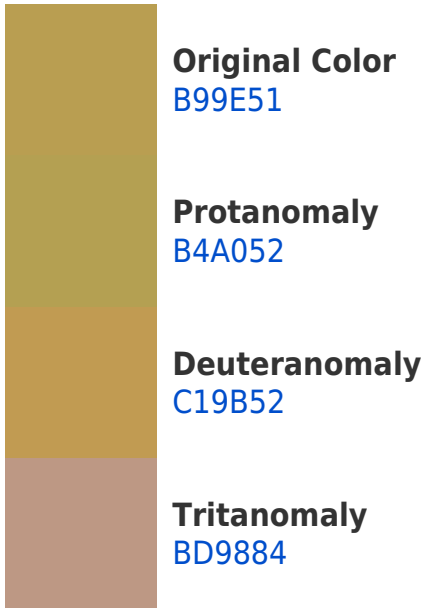
Protanopia
B1A152

Deuteranopia
C59952

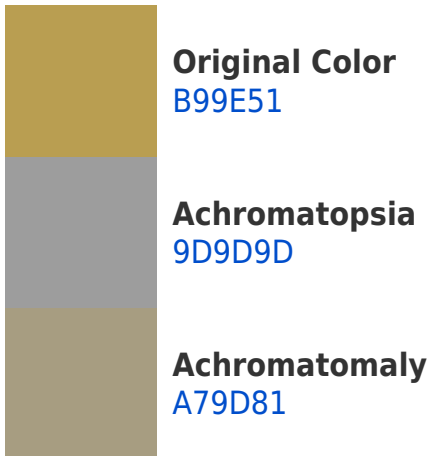


Tritanopia
C095A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B99E51 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 #B99E51 looks like.

```
.text, #text, p{  
    color:#B99E51  
}
```

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 #B99E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B99E51
}
```

Border

The CSS property to change the border of an element to Hex B99E51 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
#B99E51 }
```

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

```
.border{ border-color:#B99E51 }
```

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

Here you see how a box with a 4 pixel #B99E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B99E51; -webkit-box-shadow:4px 4px  
4px 4px #B99E51; box-shadow:4px 4px 4px  
4px #B99E51 }
```

Background

The CSS property to change the background color of an element to Hex B99E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B99E51 }
```

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

```
.background{ background-color:#B99E51 }
```

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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