

# Converting Colors

Hex(B29B66)

Have a look what the booklet for  
Hex(B29B66) contains.

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# **Color**

**Hex(B29B66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B29B66
RGB	178, 155, 102
RGB Percent	70%, 61%, 40%
CMY	0.3020, 0.3922, 0.6000
CMYK	0.00, 0.13, 0.43, 0.30
HSL	42°, 33%, 55%
HSV	42°, 43%, 70%
XYZ	32.4797, 33.8670, 17.3955
YIQ	155.8350, 30.7210, -11.6070

# Conversions

## Conversions Part 2

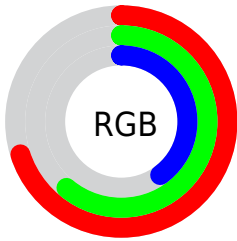
Format	Color
<a href="#">RYB</a>	<a href="#">135, 178, 102</a>
Decimal	<a href="#">11705190</a>
CIELab	<a href="#">64.86, 1.04, 30.89</a>
CIELCh	<a href="#">65, 30.903, 88.064</a>
Yxy	<a href="#">33.8670, 0.3879, 0.4044</a>
Android (android.graphics.Color)	<a href="#">4289895270 (0xFFB29B66)</a>
YUV	<a href="#">155.8350, -26.5407, 19.4387</a>
Hunter-Lab	<a href="#">58.1953, -2.2182, 23.0140</a>

# Details

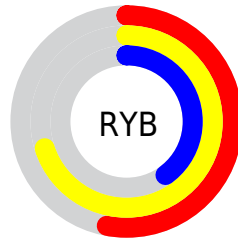
The Hex color **B29B66** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **667DB2**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **EBD19A**, and **7C6836** is the 20% darker color. If you saturate the color by 10%, you get **B29654**, and if you desaturate by 10%, it is **B2A078**.

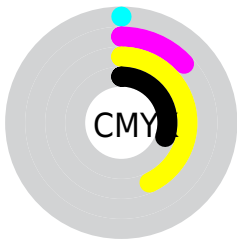
# Distribution



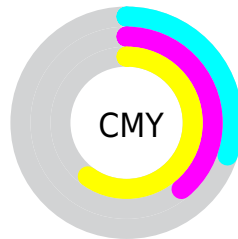
- Red (70%)
- Green (61%)
- Blue (40%)



- Red (53%)
- Yellow (70%)
- Blue (40%)



- Cyan (0%)
- Magenta (13%)
- Yellow (43%)
- Black (30%)



- Cyan (30%)
- Magenta (39%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B29B66 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 B29B66 by changing the saturation by 10% instead.





B29B66



B29B66

FFFFFF



97814D



EBD19A



7C6836



FFEEB5



62501F



FFFFD0



483908



FFFFED



312400



180F00



000000



B29B66



B29B66



B29654



B2A078

 B29042

 B2A68A

 B28B31

 B2AB9B

 B2851F

 B2B1AD

 B2800D

 B2B6BF

 B27C00

 B2BBD1

 B2C1E3

 B2C6F4

 B2CBFF

# Harmonies

## Analogous

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



C8926F



B29B66



95A46C

# Triad

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



B29B66



3EACB6



BF8EBB

# Complementary

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



B29B66



667DB2

# 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.



9F97CE



B29B66



4DA8CB

# Square

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



B29B66



54AC9B



75A1D4



D189A0

# Rectangle

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



B29B66



80A878



75A1D4



B590C2

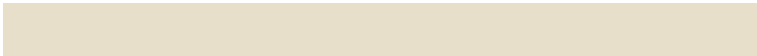


# Sweetspot

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



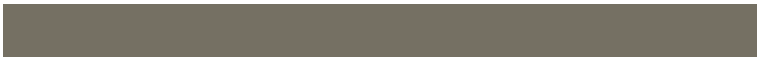
B29B66



E8DFCA



B2667E



757063



F5F5F5



757575



# Same Dimension

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



B29B66



E8C472



A4B266



595750



996B00



1A1200



# Inverse Universe

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



667DB2



7296E8



7466B2



505359



002E99



00081A



# Previews

## White Background



This preview shows how the Hex color B29B66 looks on a white background.

## Color Contrast Check

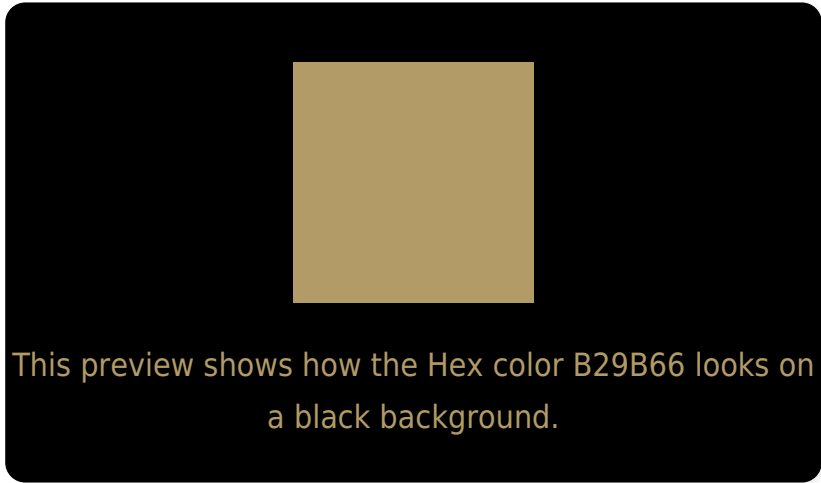
Large Text (above 18pt) WCAG AA × Fail

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

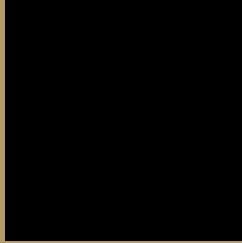
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B29B66 Background



This preview shows how black text looks on a background with the Hex color B29B66.



This preview shows how white text looks on a background with the Hex color B29B66.

# 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**  
B29B66

**Protanopia**  
AB9D67

**Deuteranopia**  
BD9767

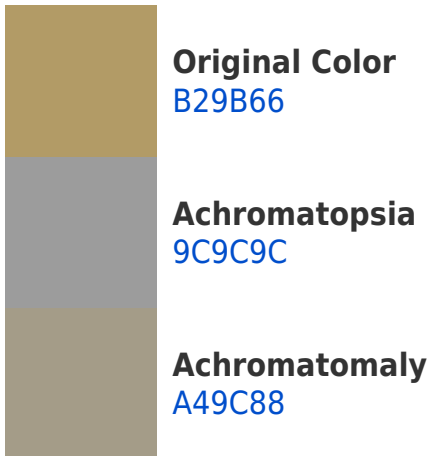


**Tritanopia**  
B8949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B29B66 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 #B29B66 looks like.

```
.text, #text, p{  
    color:#B29B66  
}
```

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 #B29B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B29B66
}
```

## Border

The CSS property to change the border of an element to Hex B29B66 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
#B29B66 }
```

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

```
.border{ border-color:#B29B66 }
```

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

Here you see how a box with a 4 pixel #B29B66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B29B66; -webkit-box-shadow:4px 4px  
4px 4px #B29B66; box-shadow:4px 4px 4px  
4px #B29B66 }
```

# Background

The CSS property to change the background color of an element to Hex B29B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B29B66 }
```

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

```
.background{ background-color:#B29B66 }
```

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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