

# Converting Colors

Hex(B29877)

Have a look what the booklet for  
Hex(B29877) contains.

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# **Color**

**Hex(B29877)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B29877
RGB	178, 152, 119
RGB Percent	70%, 60%, 47%
CMY	0.3020, 0.4039, 0.5333
CMYK	0.00, 0.15, 0.33, 0.30
HSL	34°, 28%, 58%
HSV	34°, 33%, 70%
XYZ	32.9181, 33.2534, 22.1363
YIQ	156.0120, 26.0890, -4.7510

# Conversions

## Conversions Part 2

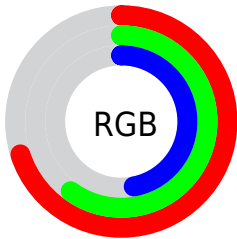
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">165, 178, 119</a>
Decimal	<a href="#">11704439</a>
CIELab	<a href="#">64.37, 4.73, 20.96</a>
CIELCh	<a href="#">64, 21.487, 77.290</a>
Yxy	<a href="#">33.2534, 0.3728, 0.3766</a>
Android (android.graphics.Color)	<a href="#">4289894519</a> ( <a href="#">0xFFB29877</a> )
YUV	<a href="#">156.0120, -18.2469, 19.2835</a>
Hunter-Lab	<a href="#">57.6657, 0.9806, 17.6062</a>

# Details

The Hex color **B29877** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7791B2**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **EACEAB**, and **7C6546** is the 20% darker color. If you saturate the color by 10%, you get **B29065**, and if you desaturate by 10%, it is **B2A089**.

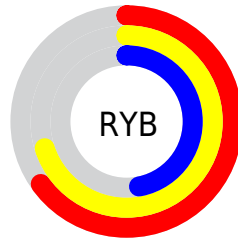
# Distribution



Red (70%)

Green (60%)

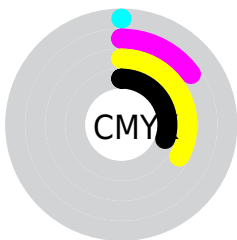
Blue (47%)



Red (65%)

Yellow (70%)

Blue (47%)

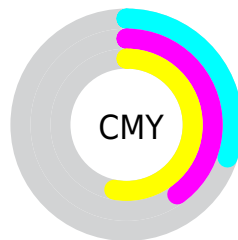


Cyan (0%)

Magenta (15%)

Yellow (33%)

Black (30%)



Cyan (30%)

Magenta (40%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B29877 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 B29877 by changing the saturation by 10% instead.





B29877



B29877

FFFFFF



977E5E



EACEAB



7C6546



FFEAC7



634D30



FFFFE3



4A371A



332101



1B0B00



000000



B29877



B29877



B29065



B2A089

 B28853

 B2A89B

 B28042

 B2B0AC

 B27930

 B2B7BE

 B2711E

 B2BFD0

 B2690C

 B2C7E2

 B26400

 B2CFF4

 B2D7FF

 B2DFFF

# Harmonies

## Analogous

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



BF9281



B29877



9F9E77

# Triad

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



B29877



67A7A7



AD94B6

# Complementary

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



B29877



7791B2

# 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.



949AC0



B29877



68A5B8

# Square

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



B29877



74A693



7AA0C1



BD8FA5

# Rectangle

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



B29877



90A27D



7AA0C1



A596BB

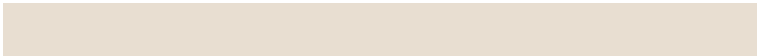


# Sweetspot

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



B29877



E8DED1



B27792



756F67



F5F5F5



757575



# Same Dimension

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



B29877



E8BF8B



AFB277



595550



995600



1A0E00



# Inverse Universe

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



7791B2



8BB4E8



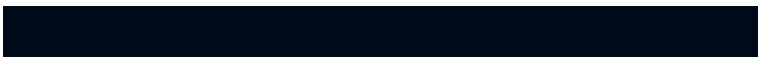
7A77B2



505459



004399

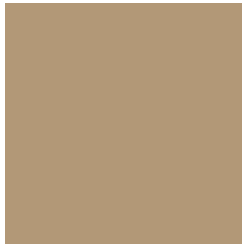


000B1A



# Previews

## White Background



This preview shows how the Hex color B29877 looks on a white background.

## Color Contrast Check

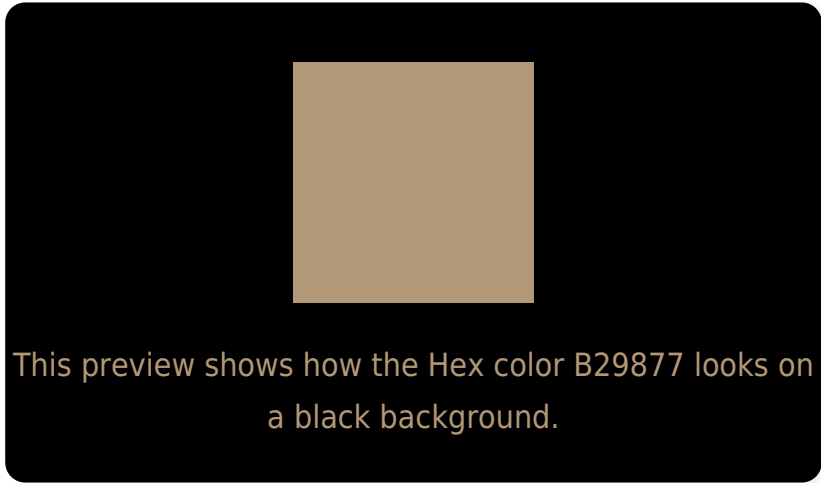
Large Text (above 18pt) WCAG AA × Fail

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

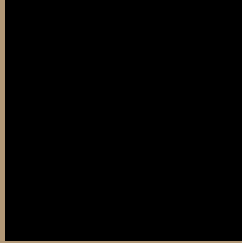
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B29877 Background



This preview shows how black text looks on a background with the Hex color B29877.



This preview shows how white text looks on a background with the Hex color B29877.

# 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**  
B29877

**Protanopia**  
A79C79

**Deuteranopia**  
B79677



**Tritanopia**  
B6939E

# Trichromacy



**Original Color**  
B29877

**Protanomaly**  
AB9B78

**Deuteranomaly**  
B59777

**Tritanomaly**  
B59590

# Monochromacy



**Original Color**  
B29877

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
A49B8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B29877 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 #B29877 looks like.

```
.text, #text, p{  
    color:#B29877  
}
```

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 #B29877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B29877
}
```

## Border

The CSS property to change the border of an element to Hex B29877 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
#B29877 }
```

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

```
.border{ border-color:#B29877 }
```

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

Here you see how a box with a 4 pixel #B29877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B29877; -webkit-box-shadow:4px 4px  
4px 4px #B29877; box-shadow:4px 4px 4px  
4px #B29877 }
```

# Background

The CSS property to change the background color of an element to Hex B29877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B29877 }
```

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

```
.background{ background-color:#B29877 }
```

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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