

# Converting Colors

Hex(B29044)

Have a look what the booklet for  
Hex(B29044) contains.

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**Color**

**Hex(B29044)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B29044
RGB	178, 144, 68
RGB Percent	70%, 56%, 27%
CMY	0.3020, 0.4353, 0.7333
CMYK	0.00, 0.19, 0.62, 0.30
HSL	41°, 45%, 48%
HSV	41°, 62%, 70%
XYZ	29.3767, 29.8289, 9.6781
YIQ	145.5020, 44.6600, -16.4280

# Conversions

## Conversions Part 2

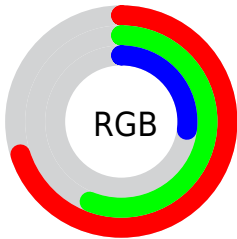
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 178, 68
Decimal	11702340
CIELab	61.51, 3.98, 44.38
CIElCh	62, 44.553, 84.875
Yxy	29.8289, 0.4265, 0.4330
Android (android.graphics.Color)	4289892420 (0xFFB29044)
YUV	145.5020, -38.2085, 28.5007
Hunter-Lab	54.6158, 0.4339, 27.7247

# Details

The Hex color **B29044** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4466B2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ECC677**, and **7A5E11** is the 20% darker color. If you saturate the color by 10%, you get **B28A32**, and if you desaturate by 10%, it is **B29656**.

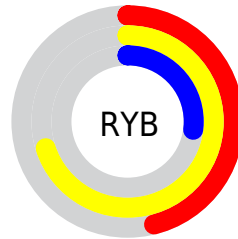
# Distribution



Red (70%)

Green (56%)

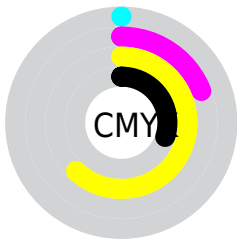
Blue (27%)



Red (46%)

Yellow (70%)

Blue (27%)

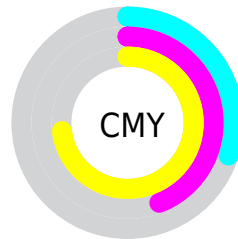


Cyan (0%)

Magenta (19%)

Yellow (62%)

Black (30%)



Cyan (30%)

Magenta (44%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B29044 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 B29044 by changing the saturation by 10% instead.



 B29044

 B29044

FFFFFF

 96762B

 ECC677

 7A5E11

 FFE291

 5F4600

 FFFEAC

 453000

 FFFFC8

 2C1C00

 FFFFEE

 110200

 000000

 B29044

 B29044

 B28A32

 B29656

 B28520

 B29B68

 B27F0F

 B2A179

 B27B00

 B2A68B

 B2AC9D

 B2B1AF

 B2B7C1

 B2BCD2

 B2C2E4

# Harmonies

## Analogous

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



CF8255



B29044



8B9C4A

# Triad

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



B29044



00A8B4



BF7EC2

# Complementary

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



B29044



4466B2

# 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.



8D8DDC



B29044



00A4D4

# Square

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



B29044



00A88C



3C9BE3



DA749D

# Rectangle

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



B29044



6DA25B



3C9BE3



B183CD



# Sweetspot

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



B29044



E8DABC



B24467



756D5A



F5F5F5



757575



# Same Dimension

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



B29044



E8B33C



9EB244



595650



996A00



1A1200



# Inverse Universe

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



4466B2



3C71E8



5844B2



505359



002F99



00081A



# Previews

## White Background



This preview shows how the Hex color B29044 looks on a white background.

## Color Contrast Check

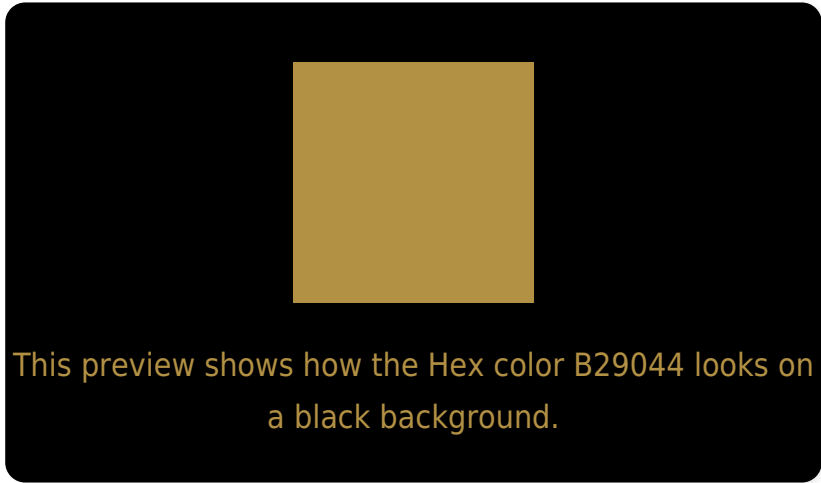
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex B29044 Background



This preview shows how black text looks on a background with the Hex color B29044.



This preview shows how white text looks on a background with the Hex color B29044.

# 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**  
B29044

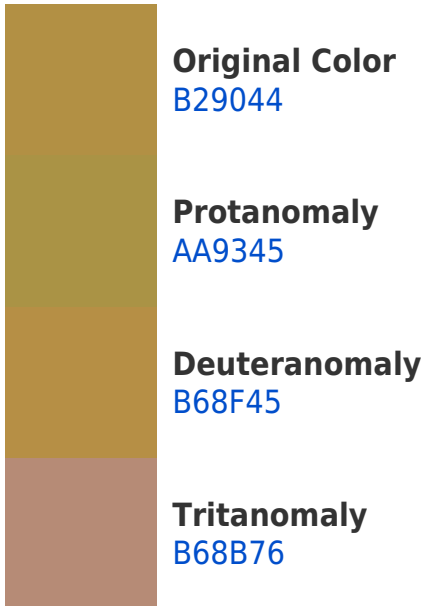
**Protanopia**  
A59546

**Deuteranopia**  
B88E45

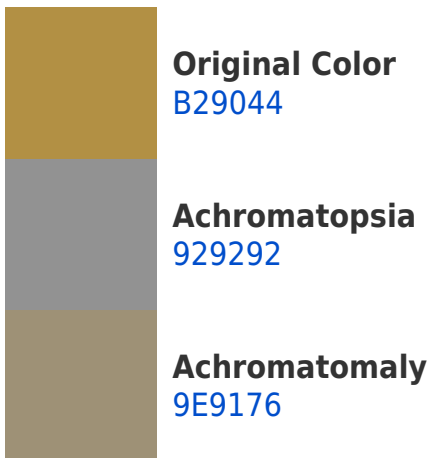


**Tritanopia**  
B88892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B29044 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 #B29044 looks like.

```
.text, #text, p{  
    color:#B29044  
}
```

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 #B29044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B29044
}
```

## Border

The CSS property to change the border of an element to Hex B29044 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
#B29044 }
```

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

```
.border{ border-color:#B29044 }
```

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

Here you see how a box with a 4 pixel #B29044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B29044; -webkit-box-shadow:4px 4px  
4px 4px #B29044; box-shadow:4px 4px 4px  
4px #B29044 }
```

# Background

The CSS property to change the background color of an element to Hex B29044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B29044 }
```

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

```
.background{ background-color:#B29044 }
```

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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