

# Converting Colors

Hex(B29D47)

Have a look what the booklet for  
Hex(B29D47) contains.

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**Color**

**Hex(B29D47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B29D47
RGB	178, 157, 71
RGB Percent	70%, 62%, 28%
CMY	0.3020, 0.3843, 0.7216
CMYK	0.00, 0.12, 0.60, 0.30
HSL	48°, 43%, 49%
HSV	48°, 60%, 70%
XYZ	31.5544, 34.0339, 10.8673
YIQ	153.4750, 40.1220, -22.2940

# Conversions

## Conversions Part 2

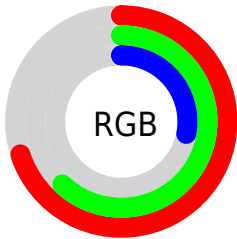
Format	Color
<a href="#">RYB</a>	<a href="#">97, 178, 71</a>
Decimal	<a href="#">11705671</a>
CIELab	<a href="#">64.99, -2.88, 46.86</a>
CIELCh	<a href="#">65, 46.953, 93.515</a>
Yxy	<a href="#">34.0339, 0.4127, 0.4451</a>
Android (android.graphics.Color)	<a href="#">4289895751</a> ( <a href="#">0xFFB29D47</a> )
YUV	<a href="#">153.4750, -40.6602, 21.5084</a>
Hunter-Lab	<a href="#">58.3385, -5.5446, 29.7924</a>

# Details

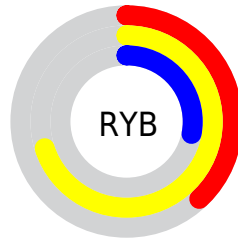
The Hex color **B29D47** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **475CB2**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ECD37A**, and **7A6A13** is the 20% darker color. If you saturate the color by 10%, you get **B29A35**, and if you desaturate by 10%, it is **B2A059**.

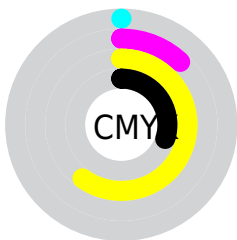
# Distribution



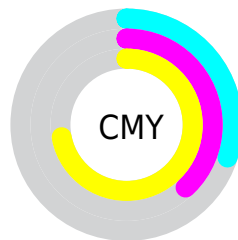
- Red (70%)
- Green (62%)
- Blue (28%)



- Red (38%)
- Yellow (70%)
- Blue (28%)



- Cyan (0%)
- Magenta (12%)
- Yellow (60%)
- Black (30%)



- Cyan (30%)
- Magenta (38%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B29D47 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 B29D47 by changing the saturation by 10% instead.



 B29D47

 B29D47

FFFFFF

 96832E

 ECD37A

 7A6A13

 FFF095

 605200

 FFFF80

 463B00

 FFFFCC

 2C2600

 FFFFEE

 121200

 000000

 B29D47

 B29D47

 B29A35

 B2A059

 B29623

 B2A46B

 B29312

 B2A77C

 B28F00

 B2AB8E

 B2AEA0

 B2B2B2

 B2B5C4

 B2B9D5

 B2BCE7

# Harmonies

## Analogous

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



D58E53



B29D47



86A955

# Triad

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



B29D47



00B2CB



D681C4

# Complementary

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



B29D47



475CB2

# 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.



A791E4



B29D47



00ACE8

# Square

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



B29D47



00B3A1



5EA0F1



EB7A9A

# Rectangle

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



B29D47



63AE6A



5EA0F1



C986D0



# Sweetspot

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



B29D47



E8E0BE



B2475C



75705B



F5F5F5



757575



# Same Dimension

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



B29D47



E8C741



92B247



595750



997B00



1A1400



# Inverse Universe

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



475CB2



4162E8



6747B2



505259



001E99



00051A



# Previews

## White Background



This preview shows how the Hex color B29D47 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 B29D47 Background



This preview shows how black text looks on a background with the Hex color B29D47.



This preview shows how white text looks on a background with the Hex color B29D47.

# 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**  
B29D47

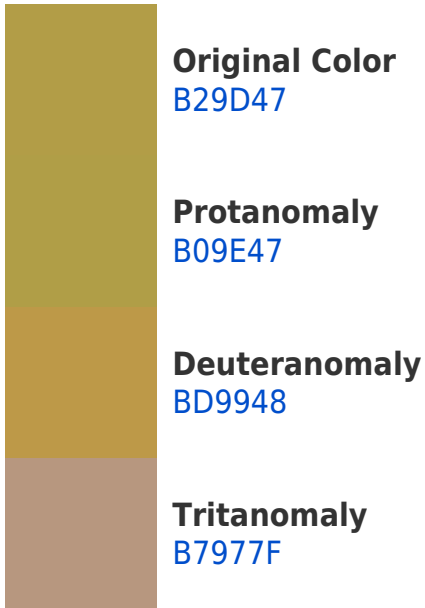
**Protanopia**  
AF9E47

**Deuteranopia**  
C39649

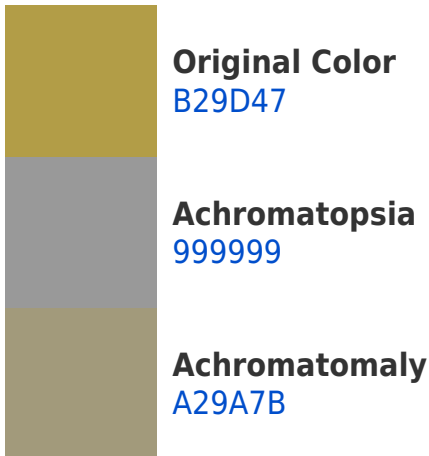


**Tritanopia**  
BA949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B29D47 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 #B29D47 looks like.

```
.text, #text, p{  
    color:#B29D47  
}
```

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 #B29D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B29D47
}
```

## Border

The CSS property to change the border of an element to Hex B29D47 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
#B29D47 }
```

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

```
.border{ border-color:#B29D47 }
```

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

Here you see how a box with a 4 pixel #B29D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B29D47; -webkit-box-shadow:4px 4px  
4px 4px #B29D47; box-shadow:4px 4px 4px  
4px #B29D47 }
```

# Background

The CSS property to change the background color of an element to Hex B29D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B29D47 }
```

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

```
.background{ background-color:#B29D47 }
```

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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