

# Converting Colors

Decimal(12299129)

Have a look what the booklet for  
Decimal(12299129) contains.

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# **Color**

**Decimal(12299129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBAB79
RGB	187, 171, 121
RGB Percent	73%, 67%, 47%
CMY	0.2667, 0.3294, 0.5255
CMYK	0.00, 0.09, 0.35, 0.27
HSL	45°, 33%, 60%
HSV	45°, 35%, 73%
XYZ	38.5076, 41.0711, 23.9871
YIQ	170.0840, 25.5860, -12.1580

# Conversions

## Conversions Part 2

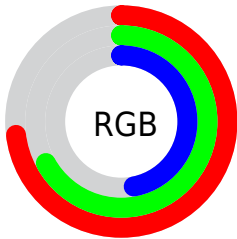
Format	Color
<b>RYB</b>	142, 187, 121
Decimal	12299129
CIELab	70.23, -1.69, 27.87
CIELCh	70, 27.925, 93.464
Yxy	41.0711, 0.3718, 0.3966
Android (android.graphics.Color)	4290489209 (0xFFBBAB79)
YUV	170.0840, -24.1984, 14.8353
Hunter-Lab	64.0867, -4.8970, 22.6690

# Details

The Decimal color **12299129** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7965115**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16048814**, and **8746824** is the 20% darker color. If you saturate the color by 10%, you get **12297830**, and if you desaturate by 10%, it is **12300428**.

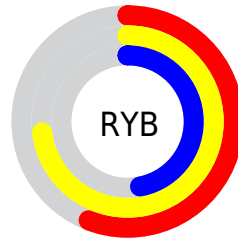
# Distribution



Red (73%)

Green (67%)

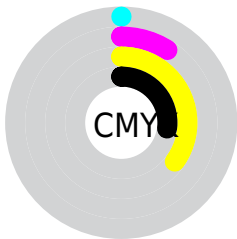
Blue (47%)



Red (56%)

Yellow (73%)

Blue (47%)

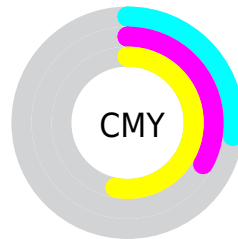


Cyan (0%)

Magenta (9%)

Yellow (35%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12299129 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 Decimal color 12299129 by changing the saturation by 10% instead.



 12299129

 12299129

16777215

 10457440

 16048814

 8746824

 16777161

 7036464

 16777190

 5326618

 3748098

 2235392

 512

 0

 12299129

 12299129

12297830

12300428

12296788

12301470

12295489

12302769

12294446

12303812

12293148

12305110

12292105

12306153

12291584

12307452

12308479

12309759

# Harmonies

## Analogous

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



13738623



12299129



10531713

# Triad

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



12299129



6207943



13606083

# Complementary

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



12299129



7965115

# 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.



11773142



12299129



7255256

# Square

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



12299129



6863534



9481694



14522794

# Rectangle

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



12299129



9221773



9481694



13082570

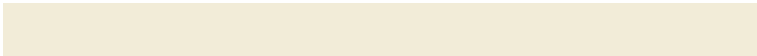


# Sweetspot

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



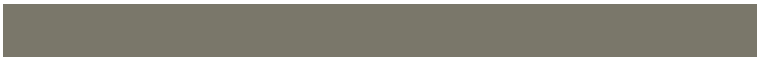
12299129



15920344



12286346



8025962



16448250



8026746



# Same Dimension

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



12299129



15915661



11254649



6184021



10385408



2037504



# Inverse Universe

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



7965115



9283058



9075131



5592926



9886

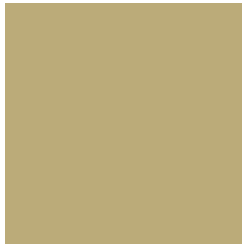


1823



# Previews

## White Background



This preview shows how the Decimal color 12299129 looks on a white background.

## Color Contrast Check

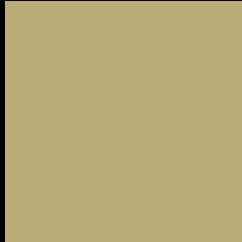
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12299129 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

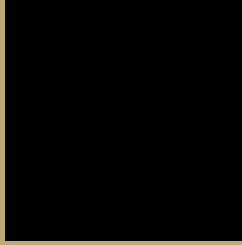
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12299129 Background



This preview shows how black text looks on a background with the Decimal color 12299129.



This preview shows how white text looks on a background with the Decimal color 12299129.

# 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**  
12299129

**Protanopia**  
12168313

**Deuteranopia**  
13411450



**Tritanopia**  
12690609

# Trichromacy



**Original Color**  
12299129

**Protanomaly**  
12233849

**Deuteranomaly**  
13019002

**Tritanomaly**  
12560285

# Monochromacy



**Original Color**  
12299129

**Achromatopsia**  
11184810

**Achromatomaly**  
11578008

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12299129 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 #BBAB79 looks like.

```
.text, #text, p{  
    color:#BBAB79  
}
```

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 #BBAB79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAB79
}
```

## Border

The CSS property to change the border of an element to Decimal 12299129 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
#BBAB79 }
```

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

```
.border{ border-color:#BBAB79 }
```

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

Here you see how a box with a 4 pixel #BBAB79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAB79; -webkit-box-shadow:4px 4px  
4px 4px #BBAB79; box-shadow:4px 4px 4px  
4px #BBAB79 }
```

# Background

The CSS property to change the background color of an element to Decimal 12299129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAB79 }
```

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

```
.background{ background-color:#BBAB79 }
```

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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