

# Converting Colors

Decimal(12299449)

Have a look what the booklet for  
Decimal(12299449) contains.

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# **Color**

**Decimal(12299449)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBACB9
RGB	187, 172, 185
RGB Percent	73%, 67%, 73%
CMY	0.2667, 0.3255, 0.2745
CMYK	0.00, 0.08, 0.01, 0.27
HSL	308°, 10%, 70%
HSV	308°, 8%, 73%
XYZ	44.0030, 43.5726, 51.9901
YIQ	177.9670, 4.7670, 7.2230

# Conversions

## Conversions Part 2

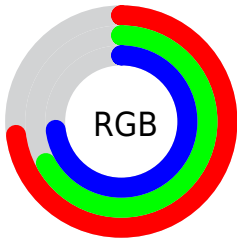
Format	Color
<a href="#">RYB</a>	<a href="#">187, 172, 185</a>
Decimal	<a href="#">12299449</a>
CIELab	<a href="#">71.94, 7.74, -4.70</a>
CIELCh	<a href="#">72, 9.052, 328.744</a>
Yxy	<a href="#">43.5726, 0.3153, 0.3122</a>
Android (android.graphics.Color)	<a href="#">4290489529 (0xFFBBACB9)</a>
YUV	<a href="#">177.9670, 3.4673, 7.9219</a>
Hunter-Lab	<a href="#">66.0096, 3.4741, -0.4910</a>

# Details

The Decimal color **12299449** is a light color, and the websafe version is hex **999999**. A complement of this color would be **11320238**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **15983601**, and **8812676** is the 20% darker color. If you saturate the color by 10%, you get **12294583**, and if you desaturate by 10%, it is **12304315**.

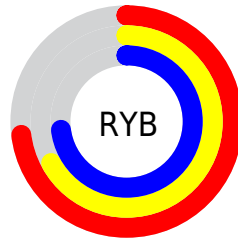
# Distribution



Red (73%)

Green (67%)

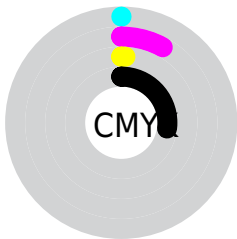
Blue (73%)



Red (73%)

Yellow (67%)

Blue (73%)

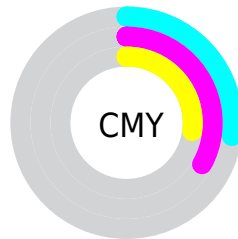


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12299449 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 12299449 by changing the saturation by 10% instead.



■ 12299449

■ 12299449

16777215

■ 10523038

■ 15983601

■ 8812676

■ 7102315

■ 5523283

■ 4010300

■ 2563110

■ 1245713

■ 0

■ 12299449

■ 12299449

 12294583

 12304315

 12289972

 12308926

 12285106

 12313792

 12280239

 12318659

 12275629

 12320709

 12270762

 12320712

 12265896

 12320714

 12261029

 12320717

 12256419

 12320719

# Harmonies

## Analogous

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



11710143



12299449



12692401

# Triad

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



12299449



12103840



10270136

# Complementary

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



12299449



11320238

# 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.



10401200



12299449



11448994

# Square

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



12299449



12561826



10859688



10466494

# Rectangle

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



12299449



12757931



10859688



10270133



# Sweetspot

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



12299449



15920626



11447483



8026234



16448250



8026746



# Same Dimension

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



12299449



15915759



12299442



6182237



10354825



2031643



# Inverse Universe

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



12299449



15915759



11320245



6182237



10354825

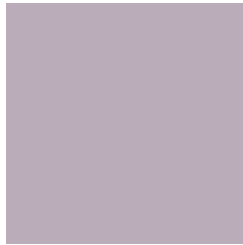


2031643



# Previews

## White Background



This preview shows how the Decimal color 12299449 looks on a white background.

## Color Contrast Check

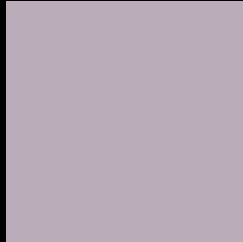
Large Text (above 18pt) WCAG AA × Fail

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 12299449 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

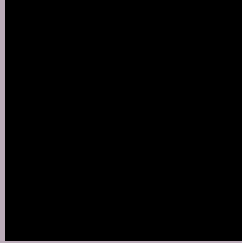
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12299449 Background



This preview shows how black text looks on a background with the Decimal color 12299449.



This preview shows how white text looks on a background with the Decimal color 12299449.

# 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**  
12299449

**Protanopia**  
11579323

**Deuteranopia**  
12430265



**Tritanopia**  
12299449

# Trichromacy



**Original Color**  
12299449

**Protanomaly**  
11841210

**Deuteranomaly**  
12364729

**Tritanomaly**  
12299449

# Monochromacy



**Original Color**  
12299449

**Achromatopsia**  
11711154

**Achromatomaly**  
11907253

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12299449 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 #BBACB9 looks like.

```
.text, #text, p{  
    color:#BBACB9  
}
```

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 #BBACB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBACB9
}
```

## Border

The CSS property to change the border of an element to Decimal 12299449 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
#BBACB9 }
```

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

```
.border{ border-color:#BBACB9 }
```

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

Here you see how a box with a 4 pixel #BBACB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBACB9; -webkit-box-shadow:4px 4px  
4px 4px #BBACB9; box-shadow:4px 4px 4px  
4px #BBACB9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12299449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBACB9 }
```

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

```
.background{ background-color:#BBACB9 }
```

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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