

# Converting Colors

Decimal(12299985)

Have a look what the booklet for  
Decimal(12299985) contains.

<b>Decimal(12299985)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12299985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBAED1
RGB	187, 174, 209
RGB Percent	73%, 68%, 82%
CMY	0.2667, 0.3176, 0.1804
CMYK	0.11, 0.17, 0.00, 0.18
HSL	262°, 28%, 75%
HSV	262°, 17%, 82%
XYZ	47.1382, 45.4403, 66.6080
YIQ	181.8770, -3.4870, 13.6410

# Conversions

## Conversions Part 2

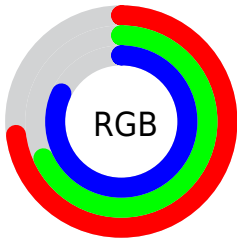
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	187, 174, 209
Decimal	12299985
CIE Lab	73.18, 11.37, -16.02
CIE LCh	73, 19.647, 305.376
Yxy	45.4403, 0.2961, 0.2855
Android (android.graphics.Color)	4290490065 (0xFFBBAED1)
YUV	181.8770, 13.3716, 4.4929
Hunter-Lab	67.4095, 6.8552, -11.3985

# Details

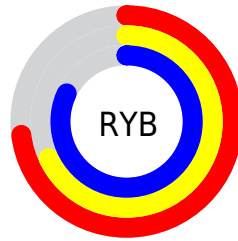
The Decimal color **12299985** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12898734**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **15984127**, and **8813211** is the 20% darker color. If you saturate the color by 10%, you get **11442641**, and if you desaturate by 10%, it is **13157329**.

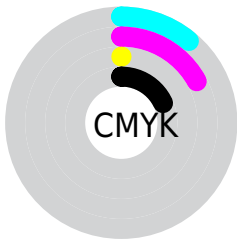
# Distribution



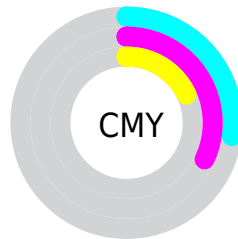
- Red (73%)
- Green (68%)
- Blue (82%)



- Red (73%)
- Yellow (68%)
- Blue (82%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (32%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12299985 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 12299985 by changing the saturation by 10% instead.



■ 12299985

■ 12299985

16777215

■ 10523573

■ 15984127

■ 8813211

■ 7102848

■ 5523815

■ 3945039

■ 2497848

■ 1246243

■ 10

■ 0

12299985

12299985

11442641

13157329

10585297

14014673

9727953

14872017

8805073

15794129

7947985

16646097

7090641

16777169

6233297

5375953

5112017

# Harmonies

## Analogous

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



10728663



12299985



13543875

# Triad

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



12299985



13610644



8896182

# Complementary

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



12299985



12898734

# 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.



9878948



1229985



12497808

# Square

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



12299985



14199200



11188630



8633800

# Rectangle

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



12299985



14067639



11188630



9158320



# Sweetspot

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



12299985



16249599



11453649



8091776



0



8421504



# Same Dimension

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



12299985



14667007



13414097



6446697



4128936



983081



# Inverse Universe

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



13741764



16764140



11784622



6905445



11010154

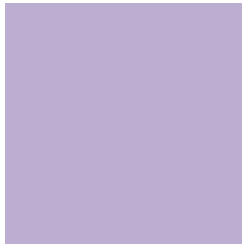


2687002



# Previews

## White Background



This preview shows how the Decimal color 12299985 looks on a white background.

## Color Contrast Check

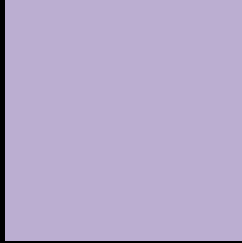
Large Text (above 18pt) WCAG AA × Fail

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 12299985 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

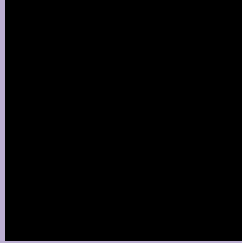
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12299985 Background



This preview shows how black text looks on a background with the Decimal color 12299985.




This preview shows how white text looks on a background with the Decimal color 12299985.

# 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





**Tritanopia**  
12104127

# Trichromacy



**Original Color**  
12299985

**Protanomaly**  
11710931

**Deuteranomaly**  
12103633

**Tritanomaly**  
12169414

# Monochromacy



**Original Color**  
12299985

**Achromatopsia**  
11974326

**Achromatomaly**  
12104640

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12299985 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 #BBAED1 looks like.

```
.text, #text, p{  
    color:#BBAED1  
}
```

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 #BBAED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAED1  
}
```

## Border

The CSS property to change the border of an element to Decimal 12299985 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  
#BBAED1 }
```

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

```
.border{ border-color:#BBAED1 }
```

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

Here you see how a box with a 4 pixel #BBAED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAED1; -webkit-box-shadow:4px 4px  
4px 4px #BBAED1; box-shadow:4px 4px 4px  
4px #BBAED1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12299985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAED1 }
```

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

```
.background{ background-color:#BBAED1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor