

# Converting Colors

Decimal(12493759)

Have a look what the booklet for  
Decimal(12493759) contains.

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# **Color**

**Decimal(12493759)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BEA3BF
RGB	190, 163, 191
RGB Percent	75%, 64%, 75%
CMY	0.2549, 0.3608, 0.2510
CMYK	0.01, 0.15, 0.00, 0.25
HSL	298°, 18%, 69%
HSV	298°, 15%, 75%
XYZ	43.7364, 40.9031, 54.8802
YIQ	174.2650, 7.1040, 14.4320

# Conversions

## Conversions Part 2

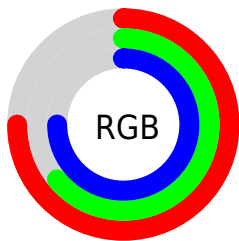
Format	Color
<a href="#">RYB</a>	<a href="#">190, 163, 191</a>
Decimal	<a href="#">12493759</a>
CIELab	<a href="#">70.11, 14.86, -10.70</a>
CIELCh	<a href="#">70, 18.314, 324.237</a>
Yxy	<a href="#">40.9031, 0.3135, 0.2932</a>
Android (android.graphics.Color)	<a href="#">4290683839 (0xFFBEA3BF)</a>
YUV	<a href="#">174.2650, 8.2504, 13.7996</a>
Hunter-Lab	<a href="#">63.9555, 10.1460, -6.1078</a>

# Details

The Decimal color **12493759** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10796963**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16177911**, and **8941450** is the 20% darker color. If you saturate the color by 10%, you get **12423359**, and if you desaturate by 10%, it is **12564159**.

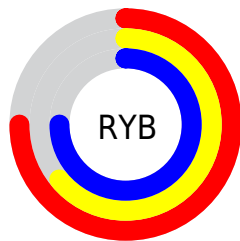
# Distribution



Red (75%)

Green (64%)

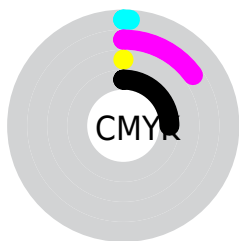
Blue (75%)



Red (75%)

Yellow (64%)

Blue (75%)

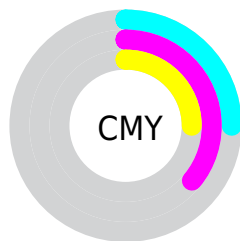


Cyan (1%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12493759 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 12493759 by changing the saturation by 10% instead.



 12493759

 12493759

16777215

 10717604

 16177911

 8941450

 16774911

 7296880

 5652312

 4139328

 2626602

 1441814

 0

 12493759

 12493759

 12423359

 12564159

 12418495

 12569023

 12348095

 12639423

 12277695

 12709823

 12272575

 12713919

 12202175

 12779455

 12131775

 12844991

 12126911

 12910527

 12058815

# Harmonies

## Analogous

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



11184330



12493759



13344943

# Triad

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



12493759



12364171



8369592

# Complementary

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



12493759



10796963

# 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.



8893863



12493759



11185805

# Square

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



12493759



13214865



9941912



8696518

# Rectangle

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



12493759



13541540



9941912



8435123



# Sweetspot

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



12493759



16248311



10724543



8222589



16579836



8224125



# Same Dimension

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



12493759



16174071



12559282



6182238



9961630



1966111



# Inverse Universe

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



12559268



16239564



10731440



6182229



10354694

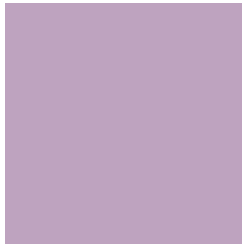


2031617



# Previews

## White Background



This preview shows how the Decimal color 12493759 looks on a white background.

## Color Contrast Check

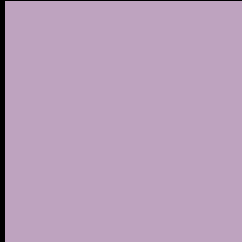
Large Text (above 18pt) WCAG AA × Fail

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 12493759 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

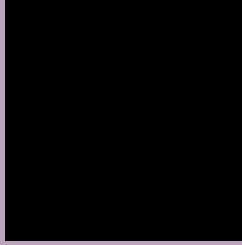
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12493759 Background



This preview shows how black text looks on a background with the Decimal color 12493759.



This preview shows how white text looks on a background with the Decimal color 12493759.

# 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**  
12493759

**Protanopia**  
10988228

**Deuteranopia**  
11773886



**Tritanopia**  
12363186

# Trichromacy



**Original Color**  
12493759

**Protanomaly**  
11511746

**Deuteranomaly**  
12035774

**Tritanomaly**  
12428471

# Monochromacy



**Original Color**  
12493759

**Achromatopsia**  
11447982

**Achromatomaly**  
11840180

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12493759 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 #BEA3BF looks like.

```
.text, #text, p{  
  color:#BEA3BF  
}
```

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 #BEA3BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEA3BF
}
```

## Border

The CSS property to change the border of an element to Decimal 12493759 is called "border". The border property can be set on classes, ids or directly on the HTML element.

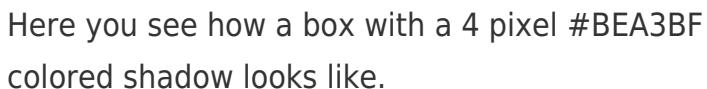
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BEA3BF }
```

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

```
.border{ border-color:#BEA3BF }
```

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



Here you see how a box with a 4 pixel `#BEA3BF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEA3BF; -webkit-box-shadow:4px 4px  
4px 4px #BEA3BF; box-shadow:4px 4px 4px  
4px #BEA3BF }
```

# Background

The CSS property to change the background color of an element to Decimal 12493759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEA3BF }
```

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

```
.background{ background-color:#BEA3BF }
```

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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