

# Converting Colors

Decimal(12359358)

Have a look what the booklet for  
Decimal(12359358) contains.

<b>Decimal(12359358)</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(12359358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC96BE
RGB	188, 150, 190
RGB Percent	74%, 59%, 75%
CMY	0.2627, 0.4118, 0.2549
CMYK	0.01, 0.21, 0.00, 0.25
HSL	297°, 24%, 67%
HSV	297°, 21%, 75%
XYZ	40.9396, 36.2218, 53.5489
YIQ	165.9220, 9.8080, 20.4960

# Conversions

## Conversions Part 2

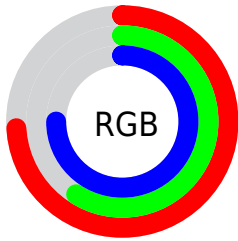
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">188, 150, 190</a>
Decimal	<a href="#">12359358</a>
CIELab	<a href="#">66.69, 21.19, -15.30</a>
CIELCh	<a href="#">67, 26.135, 324.165</a>
Yxy	<a href="#">36.2218, 0.3132, 0.2771</a>
Android (android.graphics.Color)	<a href="#">4290549438 (0xFFBC96BE)</a>
YUV	<a href="#">165.9220, 11.8705, 19.3624</a>
Hunter-Lab	<a href="#">60.1845, 16.0991, -10.6239</a>

# Details

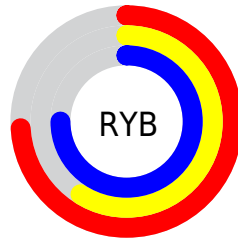
The Decimal color **12359358** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10010262**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16108790**, and **8807305** is the 20% darker color. If you saturate the color by 10%, you get **12288958**, and if you desaturate by 10%, it is **12429758**.

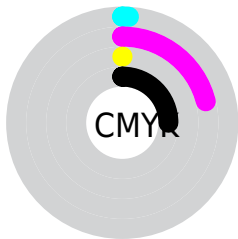
# Distribution



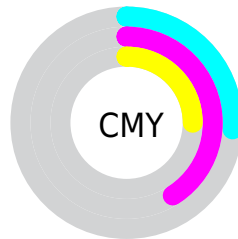
- Red (74%)
- Green (59%)
- Blue (75%)



- Red (74%)
- Yellow (59%)
- Blue (75%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (26%)
- Magenta (41%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12359358 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 12359358 by changing the saturation by 10% instead.



■ 12359358

■ 12359358

16777215

■ 10583203

■ 16108790

■ 8807305

■ 16771583

■ 7162735

■ 5518423

■ 3939903

■ 2492457

■ 458772

■ 0

■ 12359358

■ 12359358

 12288958

 12429758

 12218558

 12500158

 12148158

 12570558

 12077758

 12640958

 12007358

 12711358

 11936958

 12779454

 11866558

 12844990

 11796670

 12910526

 12976062

# Harmonies

## Analogous

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



10526413



12359358



13472168

# Triad

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



12359358



12099444



6008757

# Complementary

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



12359358



10010262

# 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.



7057309



12359358



10463095

# Square

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



12359358



13277053



8694918



6466760

# Rectangle

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



12359358



13799832



8694918



6205357



# Sweetspot

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



12359358



16247287



9869502



8221821



16579836



8224125



# Same Dimension

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



12359358



16038647



12490412



6182238



9830558



1900575



# Inverse Universe

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



12490392



16235197



9879208



6182229



10354696

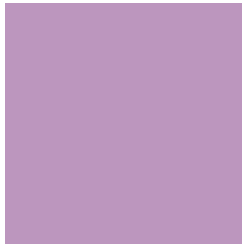


2031618



# Previews

## White Background



This preview shows how the Decimal color 12359358 looks on a white background.

## Color Contrast Check

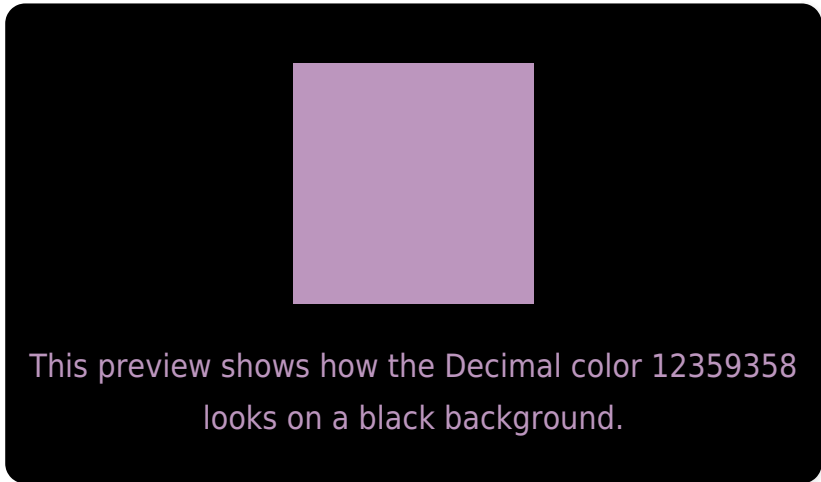
Large Text (above 18pt) WCAG AA × Fail

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](#).



## Decimal 12359358 Background



This preview shows how black text looks on a background with the Decimal color 12359358.

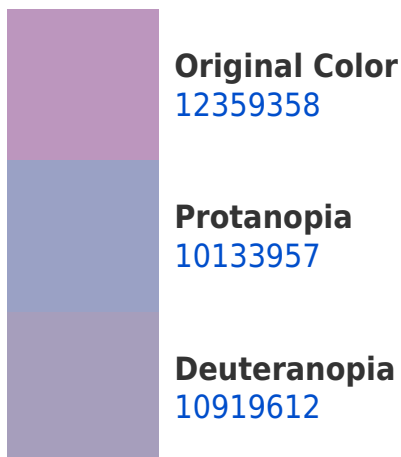



This preview shows how white text looks on a background with the Decimal color 12359358.

# 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**  
12163750

# Trichromacy



**Original Color**  
12359358

**Protanomaly**  
10919362

**Deuteranomaly**  
11443133

**Tritanomaly**  
12229039

# Monochromacy



**Original Color**  
12359358

**Achromatopsia**  
10921638

**Achromatomaly**  
11444399

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12359358 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 #BC96BE looks like.

```
.text, #text, p{  
  color:#BC96BE  
}
```

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 #BC96BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC96BE
}
```

## Border

The CSS property to change the border of an element to Decimal 12359358 is called "border". The border property can be set on classes, ids or directly on the HTML element.

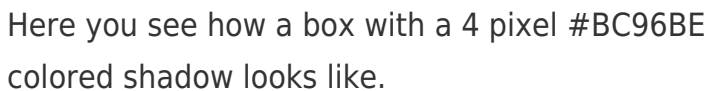
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC96BE }
```

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

```
.border{ border-color:#BC96BE }
```

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



Here you see how a box with a 4 pixel `#BC96BE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC96BE; -webkit-box-shadow:4px 4px  
4px 4px #BC96BE; box-shadow:4px 4px 4px  
4px #BC96BE }
```

# Background

The CSS property to change the background color of an element to Decimal 12359358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC96BE }
```

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

```
.background{ background-color:#BC96BE }
```

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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