

# Converting Colors

Decimal(12358597)

Have a look what the booklet for  
Decimal(12358597) contains.

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# **Color**

**Decimal(12358597)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC93C5
RGB	188, 147, 197
RGB Percent	74%, 58%, 77%
CMY	0.2627, 0.4235, 0.2275
CMYK	0.05, 0.25, 0.00, 0.23
HSL	289°, 30%, 67%
HSV	289°, 25%, 77%
XYZ	41.2508, 35.5900, 57.5187
YIQ	164.9590, 8.3860, 24.2420

# Conversions

## Conversions Part 2

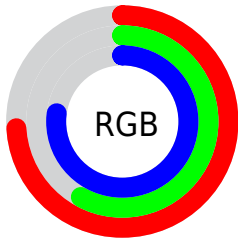
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">188, 147, 197</a>
Decimal	<a href="#">12358597</a>
CIELab	<a href="#">66.21, 24.23, -19.94</a>
CIELCh	<a href="#">66, 31.379, 320.539</a>
Yxy	<a href="#">35.5900, 0.3070, 0.2649</a>
Android (android.graphics.Color)	<a href="#">4290548677 (0xFFBC93C5)</a>
YUV	<a href="#">164.9590, 15.7962, 20.2070</a>
Hunter-Lab	<a href="#">59.6574, 19.0255, -15.4044</a>

# Details

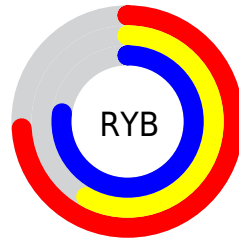
The Decimal color **12358597** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10274195**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16108030**, and **8806543** is the 20% darker color. If you saturate the color by 10%, you get **12091333**, and if you desaturate by 10%, it is **12625861**.

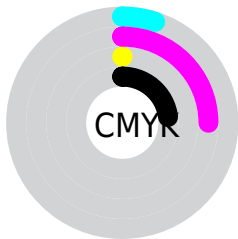
# Distribution



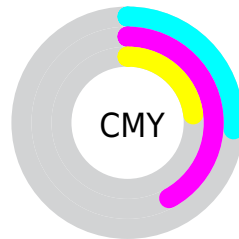
- Red (74%)
- Green (58%)
- Blue (77%)



- Red (74%)
- Yellow (58%)
- Blue (77%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (23%)



- Cyan (26%)
- Magenta (42%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12358597 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 12358597 by changing the saturation by 10% instead.



 12358597

 12358597

16777215

 10582442

 16108030

 8806543

 16770815

 7096437

 5517661

 3938885

 2425902

 327705

 0

 12358597

 12358597

 12091333

 12625861

 11889861


 12827333

 11622597

 13094597

 11420869

 13296325

 11153605

 13563589

 10952133

 13762501

 10684869

 14024645

 10617029

 14221253

 14483397

# Harmonies

## Analogous

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



10001877



12358597



13798571

# Triad

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



12358597



12360809



4436148

# Complementary

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



12358597



10274195

# 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.



6271127



12358597



10528108

# Square

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



12358597



13734775



8432764



4763084

# Rectangle

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



12358597



14257304



8432764



4894890



# Sweetspot

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



12358597



16509951



9673925



8221568



0



8421504



# Same Dimension

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



12358597



15840255



12948405



6445667



8781987



1900580



# Inverse Universe

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



12948380



16757696



9684387



6511195



10682397



2359302



# Previews

## White Background



This preview shows how the Decimal color 12358597 looks on a white background.

## Color Contrast Check

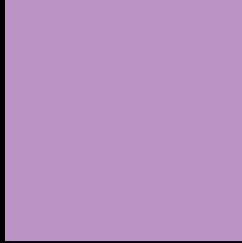
Large Text (above 18pt) WCAG AA × Fail

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 12358597 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

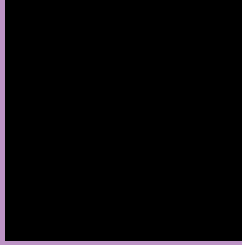
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12358597 Background



This preview shows how black text looks on a background with the Decimal color 12358597.

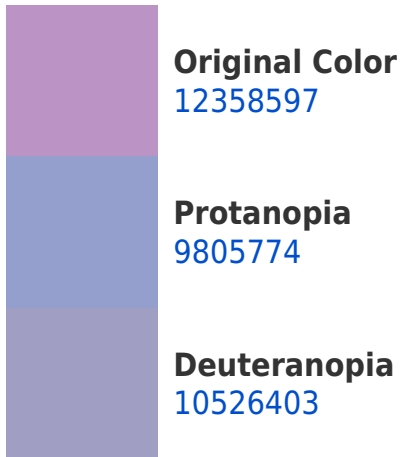


This preview shows how white text looks on a background with the Decimal color 12358597.

# 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**  
12032421

# Trichromacy



**Original Color**  
12358597

**Protanomaly**  
10722251

**Deuteranomaly**  
11180740

**Tritanomaly**  
12162993

# Monochromacy



**Original Color**  
12358597

**Achromatopsia**  
10855845

**Achromatomaly**  
11378353

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12358597 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 #BC93C5 looks like.

```
.text, #text, p{  
  color:#BC93C5  
}
```

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 #BC93C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC93C5
}
```

## Border

The CSS property to change the border of an element to Decimal 12358597 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
#BC93C5 }
```

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

```
.border{ border-color:#BC93C5 }
```

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

Here you see how a box with a 4 pixel #BC93C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC93C5; -webkit-box-shadow:4px 4px  
4px 4px #BC93C5; box-shadow:4px 4px 4px  
4px #BC93C5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12358597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC93C5 }
```

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

```
.background{ background-color:#BC93C5 }
```

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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