

# Converting Colors

Decimal(12558049)

Have a look what the booklet for  
Decimal(12558049) contains.

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# **Color**

**Decimal(12558049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF9EE1
RGB	191, 158, 225
RGB Percent	75%, 62%, 88%
CMY	0.2510, 0.3804, 0.1176
CMYK	0.15, 0.30, 0.00, 0.12
HSL	270°, 53%, 75%
HSV	270°, 30%, 88%
XYZ	47.3033, 40.9663, 76.6483
YIQ	175.5050, -1.8390, 27.8330

# Conversions

## Conversions Part 2

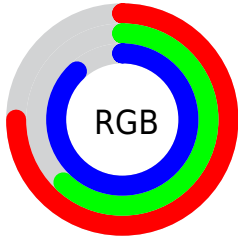
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">191, 158, 225</a>
Decimal	<a href="#">12558049</a>
CIELab	<a href="#">70.15, 24.89, -29.38</a>
CIElCh	<a href="#">70, 38.503, 310.275</a>
Yxy	<a href="#">40.9663, 0.2868, 0.2484</a>
Android (android.graphics.Color)	<a href="#">4290748129 (0xFFBF9EE1)</a>
YUV	<a href="#">175.5050, 24.4010, 13.5891</a>
Hunter-Lab	<a href="#">64.0049, 19.9131, -26.1985</a>

# Details

The Decimal color **12558049** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12640670**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16307711**, and **9005737** is the 20% darker color. If you saturate the color by 10%, you get **11831521**, and if you desaturate by 10%, it is **13284833**.

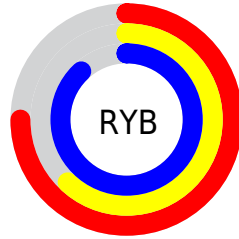
# Distribution



Red (75%)

Green (62%)

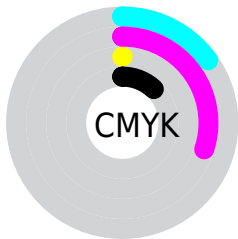
Blue (88%)



Red (75%)

Yellow (62%)

Blue (88%)

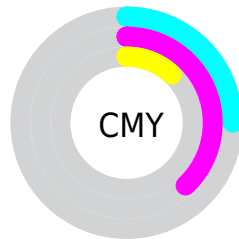


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (12%)



Cyan (25%)

Magenta (38%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12558049 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 12558049 by changing the saturation by 10% instead.



12558049

12558049

16777215

10716357

16307711

9005737

16773631

7295631

5585525

4007004

2428740

1310766

280

0

 12558049

 12558049

 11831521

 13284833

 11039201

 14076897

 10312673

 14803681

 9520353

 15595745

 8793825

 16318433

 8001505

 16777185

 7274977

 7274721

# Harmonies

## Analogous

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



9219056



12558049



14783428

# Triad

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



12558049



14066026



3194551

# Complementary

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



12558049



12640670

# 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.



6601875



12558049



12037478

# Square

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



12558049



15439488



9484149



441560

# Rectangle

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



12558049



15569069



9484149



4439723



# Sweetspot

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



12558049



15984895



10404321



7893376



0



8421504



# Same Dimension

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



12558049



13673471



14720737



7038320



5701808



1572912



# Inverse Universe

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



14786240



16753618



10477982



7365995



11534425

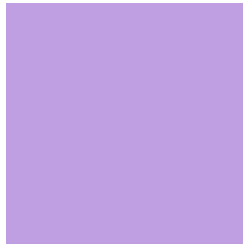


3145753



# Previews

## White Background



This preview shows how the Decimal color 12558049 looks on a white background.

## Color Contrast Check

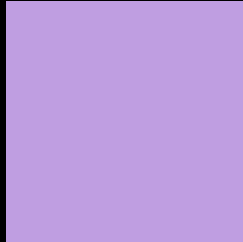
Large Text (above 18pt) WCAG AA × Fail

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 12558049 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 12558049 Background



This preview shows how black text looks on a background with the Decimal color 12558049.



This preview shows how white text looks on a background with the Decimal color 12558049.

# 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**  
12101556

# Trichromacy



**Original Color**  
12558049

**Protanomaly**  
10986983

**Deuteranomaly**  
11314656

**Tritanomaly**  
12297412

# Monochromacy



**Original Color**  
12558049

**Achromatopsia**  
11579568

**Achromatomaly**  
11905474

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12558049 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 #BF9EE1 looks like.

```
.text, #text, p{  
    color:#BF9EE1  
}
```

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 #BF9EE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF9EE1
}
```

## Border

The CSS property to change the border of an element to Decimal 12558049 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
#BF9EE1 }
```

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

```
.border{ border-color:#BF9EE1 }
```

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

Here you see how a box with a 4 pixel #BF9EE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF9EE1; -webkit-box-shadow:4px 4px  
4px 4px #BF9EE1; box-shadow:4px 4px 4px  
4px #BF9EE1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12558049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF9EE1 }
```

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

```
.background{ background-color:#BF9EE1 }
```

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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