

# Converting Colors

Decimal(12099800)

Have a look what the booklet for  
Decimal(12099800) contains.

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# **Color**

**Decimal(12099800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8A0D8
RGB	184, 160, 216
RGB Percent	72%, 63%, 85%
CMY	0.2784, 0.3725, 0.1529
CMYK	0.15, 0.26, 0.00, 0.15
HSL	266°, 42%, 74%
HSV	266°, 26%, 85%
XYZ	44.7326, 40.2898, 70.3848
YIQ	173.5600, -3.6720, 22.5040

# Conversions

## Conversions Part 2

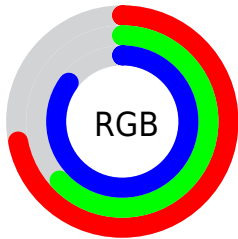
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 160, 216
Decimal	12099800
CIELab	69.68, 19.63, -25.21
CIELCh	70, 31.956, 307.908
Yxy	40.2898, 0.2878, 0.2593
Android (android.graphics.Color)	4290289880 (0xFFB8A0D8)
YUV	173.5600, 20.9229, 9.1559
Hunter-Lab	63.4743, 14.7155, -21.3130

# Details

The Decimal color **12099800** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12638368**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **15783935**, and **8547489** is the 20% darker color. If you saturate the color by 10%, you get **11307736**, and if you desaturate by 10%, it is **12891864**.

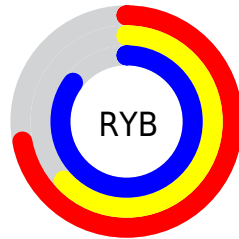
# Distribution



Red (72%)

Green (63%)

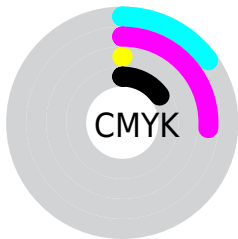
Blue (85%)



Red (72%)

Yellow (63%)

Blue (85%)

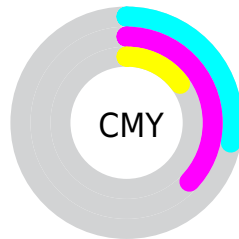


Cyan (15%)

Magenta (26%)

Yellow (0%)

Black (15%)



Cyan (28%)

Magenta (37%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12099800 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 12099800 by changing the saturation by 10% instead.



 12099800

 12099800

16777215

 10323644

 15783935

 8547489

 16774143

 6902919

 5258605

 3680085

 2167357

 983080

 273

 0

 12099800

 12099800

 11307736

 12891864

 10450392

 13749208

 9658328

 14541272

 8866520

 15333080

 8008920

 16187352

 7216856

 16777176

 6425048

 6095064

# Harmonies

## Analogous

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



9415395



12099800



13998017

# Triad

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



12099800



13738357



5618353

# Complementary

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



12099800



12638368

# 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.



7714963



12099800



12036976

# Square

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



12099800



14784648



9941884



4831437

# Rectangle

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



12099800



14718381



9941884



6208167



# Sweetspot

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



12099800



15985663



10535384



7893888



0



8421504



# Same Dimension

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



12099800



13807871



13869272



6643819



4784299



1245227



# Inverse Universe

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



14196928



16756957



10868896



7037031



11206754

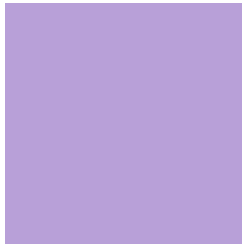


2818073



# Previews

## White Background



This preview shows how the Decimal color 12099800 looks on a white background.

## Color Contrast Check

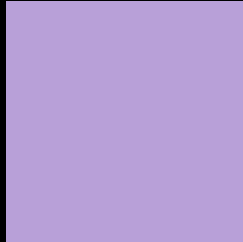
Large Text (above 18pt) WCAG AA × Fail

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 12099800 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 12099800 Background



This preview shows how black text looks on a background with the Decimal color 12099800.

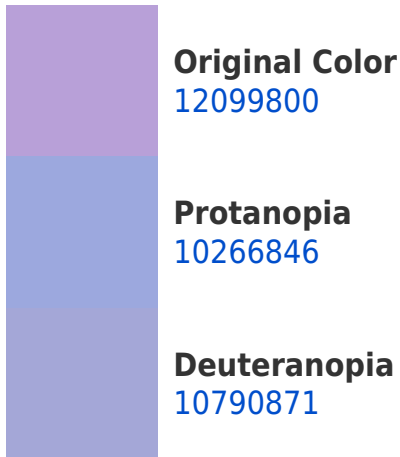


This preview shows how white text looks on a background with the Decimal color 12099800.

# 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**  
11708340

# Trichromacy



**Original Color**  
12099800

**Protanomaly**  
10921436

**Deuteranomaly**  
11248855

**Tritanomaly**  
11838657

# Monochromacy



**Original Color**  
12099800

**Achromatopsia**  
11447982

**Achromatomaly**  
11708861

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12099800 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 #B8A0D8 looks like.

```
.text, #text, p{  
    color:#B8A0D8  
}
```

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 #B8A0D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8A0D8
}
```

## Border

The CSS property to change the border of an element to Decimal 12099800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

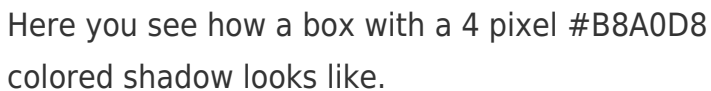
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8A0D8 }
```

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

```
.border{ border-color:#B8A0D8 }
```

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



Here you see how a box with a 4 pixel #B8A0D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8A0D8; -webkit-box-shadow:4px 4px  
4px 4px #B8A0D8; box-shadow:4px 4px 4px  
4px #B8A0D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 12099800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8A0D8 }
```

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

```
.background{ background-color:#B8A0D8 }
```

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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