

# Converting Colors

Decimal(12291521)

Have a look what the booklet for  
Decimal(12291521) contains.

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# **Color**

**Decimal(12291521)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB8DC1
RGB	187, 141, 193
RGB Percent	73%, 55%, 76%
CMY	0.2667, 0.4471, 0.2431
CMYK	0.03, 0.27, 0.00, 0.24
HSL	293°, 30%, 65%
HSV	293°, 27%, 76%
XYZ	39.6440, 33.4648, 54.8220
YIQ	160.6820, 10.7240, 25.9240

# Conversions

## Conversions Part 2

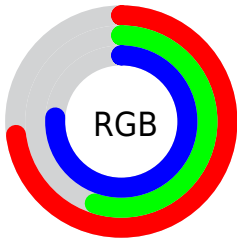
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 141, 193
Decimal	12291521
CIELab	64.54, 26.44, -20.25
CIElCh	65, 33.310, 322.550
Yxy	33.4648, 0.3099, 0.2616
Android (android.graphics.Color)	4290481601 (0xFFBB8DC1)
YUV	160.6820, 15.9328, 23.0809
Hunter-Lab	57.8488, 21.0915, -15.6936

# Details

The Decimal color **12291521** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9683341**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **16040954**, and **8739467** is the 20% darker color. If you saturate the color by 10%, you get **12155585**, and if you desaturate by 10%, it is **12427457**.

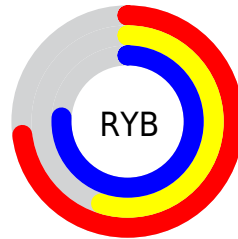
# Distribution



Red (73%)

Green (55%)

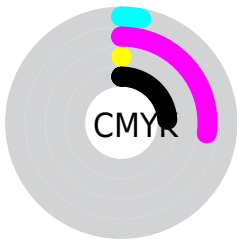
Blue (76%)



Red (73%)

Yellow (55%)

Blue (76%)

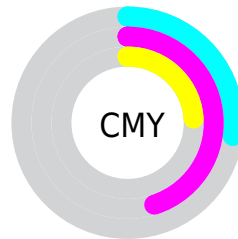


Cyan (3%)

Magenta (27%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (45%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12291521 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 12291521 by changing the saturation by 10% instead.



 12291521

 12291521

16777215

 10515366

 16040954

 8739467

 16769023

 7029362

 16776447

 5385049

 3806530


 2359339

 22

 0

 12291521

 12291521

 12155585

 12427457

 12019393

 12563649

 11817921

 12765121

 11681985

 12901057

 11546049

 13036993

 11409857

 13172673

 11208385

 13369281

 11206849

 13500353

 13631425

# Harmonies

## Analogous

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



9869523



12291521



13731493

# Triad

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



12291521



12032097



3189938

# Complementary

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



12291521



9683341

# 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.



5418132



12291521



10134117

# Square

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



12291521



13471342



7842167



3713483

# Rectangle

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



12291521



14124689



7842167



3780008



# Sweetspot

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



12291521



16312058



9278401



8155261



16579836



8224125



# Same Dimension

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



12291521



15837946



12684717



6313825



9306273



1900577



# Inverse Universe

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



12684691



16427699



9290145



6379352



10551315



2162692



# Previews

## White Background



This preview shows how the Decimal color 12291521 looks on a white background.

## Color Contrast Check

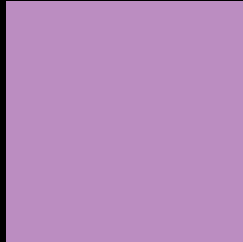
Large Text (above 18pt) WCAG AA × Fail

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 12291521 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

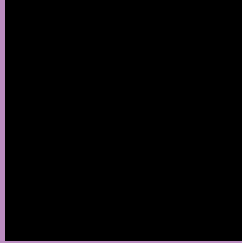
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12291521 Background



This preview shows how black text looks on a background with the Decimal color 12291521.



This preview shows how white text looks on a background with the Decimal color 12291521.

# 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**  
12291521

**Protanopia**  
9477067

**Deuteranopia**  
10197439



**Tritanopia**  
11965343

# Trichromacy



**Original Color**  
12291521

**Protanomaly**  
10524359

**Deuteranomaly**  
10982848

**Tritanomaly**  
12095915

# Monochromacy



**Original Color**  
12291521

**Achromatopsia**  
10592673

**Achromatomaly**  
11180717

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12291521 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 #BB8DC1 looks like.

```
.text, #text, p{  
    color:#BB8DC1  
}
```

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 #BB8DC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB8DC1
}
```

## Border

The CSS property to change the border of an element to Decimal 12291521 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
#BB8DC1 }
```

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

```
.border{ border-color:#BB8DC1 }
```

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

Here you see how a box with a 4 pixel #BB8DC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB8DC1; -webkit-box-shadow:4px 4px  
4px 4px #BB8DC1; box-shadow:4px 4px 4px  
4px #BB8DC1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12291521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB8DC1 }
```

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

```
.background{ background-color:#BB8DC1 }
```

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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