

# Converting Colors

Decimal(12101321)

Have a look what the booklet for  
Decimal(12101321) contains.

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# **Color**

**Decimal(12101321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8A6C9
RGB	184, 166, 201
RGB Percent	72%, 65%, 79%
CMY	0.2784, 0.3490, 0.2118
CMYK	0.08, 0.17, 0.00, 0.21
HSL	271°, 24%, 72%
HSV	271°, 17%, 79%
XYZ	43.9460, 41.6798, 60.9871
YIQ	175.3720, -0.5070, 14.7010

# Conversions

## Conversions Part 2

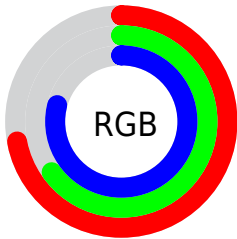
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 166, 201
Decimal	12101321
CIELab	70.65, 13.14, -15.47
CIELCh	71, 20.296, 310.353
Yxy	41.6798, 0.2997, 0.2843
Android (android.graphics.Color)	4290291401 (0xFFB8A6C9)
YUV	175.3720, 12.6346, 7.5668
Hunter-Lab	64.5599, 8.5253, -10.8169

# Details

The Decimal color **12101321** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12044710**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **15785471**, and **8614547** is the 20% darker color. If you saturate the color by 10%, you get **11440841**, and if you desaturate by 10%, it is **12761801**.

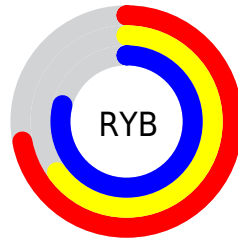
# Distribution



Red (72%)

Green (65%)

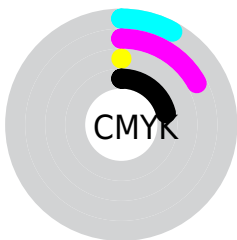
Blue (79%)



Red (72%)

Yellow (65%)

Blue (79%)

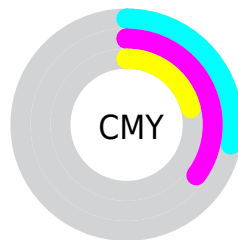


Cyan (8%)

Magenta (17%)

Yellow (0%)

Black (21%)



Cyan (28%)

Magenta (35%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12101321 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 12101321 by changing the saturation by 10% instead.



■ 12101321

■ 12101321

16777215

■ 10325166

■ 15785471

■ 8614547

■ 16775935

■ 6904441

■ 5325408

■ 3812424

■ 2365234

■ 1114141

■ 0

■ 12101321

■ 12101321

11440841

12761801

10780361

13422281

10185417

14017225

9524937

14677705

8864457

15335369

8203721

15990729

7608777

16580553

6948297

16777161

6750409

# Harmonies

## Analogous

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



10530001



12101321



13279674

# Triad

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



12101321



13019275



8239283

# Complementary

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



12101321



12044710

# 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.



9156256



12101321



11841161

# Square

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



12101321



13738646



10531728



8107716

# Rectangle

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



12101321



13738157



10531728



8501164



# Sweetspot

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



12101321



16380671



10926281



8157312



0



8421504



# Same Dimension

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



12101321



15059455



13215433



6249059



5505187



1179684



# Inverse Universe

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



13215415



16763363



10930598



6511198



10682447

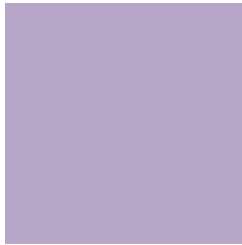


2359313



# Previews

## White Background



This preview shows how the Decimal color 12101321 looks on a white background.

## Color Contrast Check

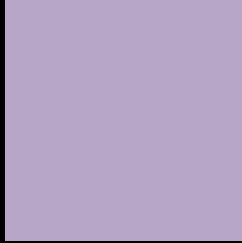
Large Text (above 18pt) WCAG AA × Fail

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 12101321 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

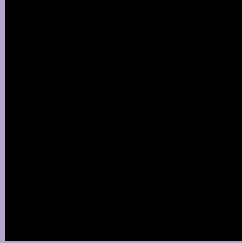
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12101321 Background



This preview shows how black text looks on a background with the Decimal color 12101321.



This preview shows how white text looks on a background with the Decimal color 12101321.

# 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**  
12101321

**Protanopia**  
10922957

**Deuteranopia**  
11577800



**Tritanopia**  
11905463

# Trichromacy



**Original Color**  
12101321

**Protanomaly**  
11381196

**Deuteranomaly**  
11774152

**Tritanomaly**  
11970750

# Monochromacy



**Original Color**  
12101321

**Achromatopsia**  
11513775

**Achromatomaly**  
11709624

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12101321 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 #B8A6C9 looks like.

```
.text, #text, p{  
    color:#B8A6C9  
}
```

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 #B8A6C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8A6C9
}
```

## Border

The CSS property to change the border of an element to Decimal 12101321 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
#B8A6C9 }
```

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

```
.border{ border-color:#B8A6C9 }
```

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

Here you see how a box with a 4 pixel #B8A6C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8A6C9; -webkit-box-shadow:4px 4px  
4px 4px #B8A6C9; box-shadow:4px 4px 4px  
4px #B8A6C9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12101321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8A6C9 }
```

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

```
.background{ background-color:#B8A6C9 }
```

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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