

# Converting Colors

Decimal(12209113)

Have a look what the booklet for  
Decimal(12209113) contains.

<b>Decimal(12209113)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12209113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA4BD9
RGB	186, 75, 217
RGB Percent	73%, 29%, 85%
CMY	0.2706, 0.7059, 0.1490
CMYK	0.14, 0.65, 0.00, 0.15
HSL	287°, 65%, 57%
HSV	287°, 65%, 85%
XYZ	35.2902, 20.4810, 67.7389
YIQ	124.3770, 20.5740, 67.6940

# Conversions

## Conversions Part 2

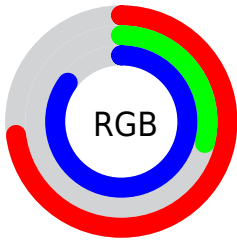
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 75, 217
Decimal	12209113
CIELab	52.38, 64.64, -52.84
CIELCh	52, 83.493, 320.735
Yxy	20.4810, 0.2857, 0.1658
Android (android.graphics.Color)	4290399193 (0xFFBA4BD9)
YUV	124.3770, 45.6631, 54.0434
Hunter-Lab	45.2560, 59.9947, -57.0658

# Details

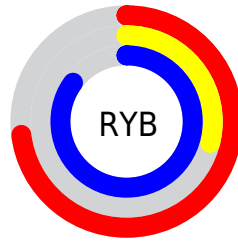
The Decimal color **12209113** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **7002443**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16090111**, and **8454561** is the 20% darker color. If you saturate the color by 10%, you get **11875801**, and if you desaturate by 10%, it is **12542425**.

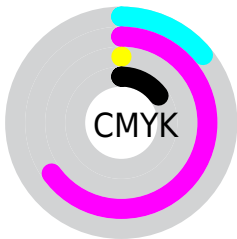
# Distribution



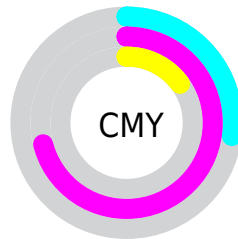
- Red (73%)
- Green (29%)
- Blue (85%)



- Red (73%)
- Yellow (29%)
- Blue (85%)



- Cyan (14%)
- Magenta (65%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (71%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12209113 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 12209113 by changing the saturation by 10% instead.



 12209113

 12209113

16777215

 10300861

 16090111

 8454561

 16752639

 6619270

 16759807

 4784236

 16767231

 3080276

 16774911

 917563

 548

 13

 0

 12209113


 12209113

 11875801


 12542425

 11608281

 12809945

 11274969

 13143257

 11141337

 13476569

 13809625

 14077401

 14410713

 14744025

 15073241

# Harmonies

## Analogous

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



2127103



12209113



15599254

# Triad

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



12209113



11170304



39854

# Complementary

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



12209113



7002443

# 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.



39268



12209113



6916096

# Square

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



12209113



14372352



37898



39148

# Rectangle

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



12209113



16187495



37898



39830



# Sweetspot

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



12209113



16043263



4943065



7954816



0



8421504



# Same Dimension

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



12209113



13842175



14240691



7037806



8913069



2359342



# Inverse Universe

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



14240618



16725602



4970865



7234405



11337766

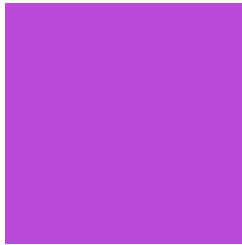


3014666



# Previews

## White Background



This preview shows how the Decimal color 12209113 looks on a white background.

## Color Contrast Check

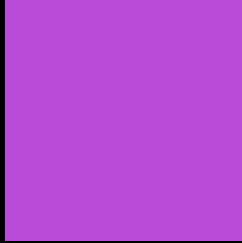
Large Text (above 18pt) WCAG AA ✓ Pass

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 12209113 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

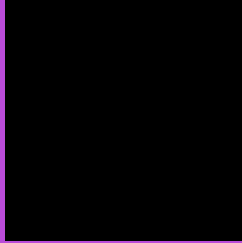
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12209113 Background



This preview shows how black text looks on a background with the Decimal color 12209113.

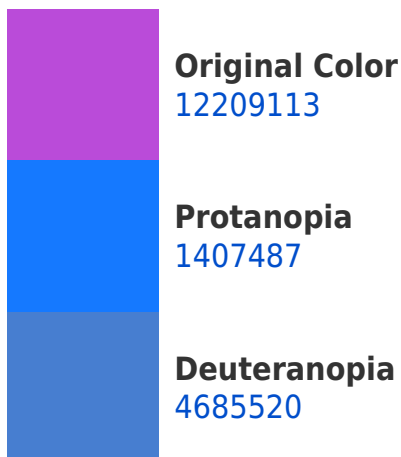



This preview shows how white text looks on a background with the Decimal color 12209113.

# 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**  
11299698

# Trichromacy



**Original Color**  
12209113



**Protanomaly**  
5335281



**Deuteranomaly**  
7433171



**Tritanomaly**  
11624343

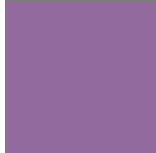
# Monochromacy



**Original Color**  
12209113



**Achromatopsia**  
8158332



**Achromatomaly**  
9661086

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12209113 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 #BA4BD9 looks like.

```
.text, #text, p{  
    color:#BA4BD9  
}
```

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 #BA4BD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA4BD9
}
```

## Border

The CSS property to change the border of an element to Decimal 12209113 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
#BA4BD9 }
```

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

```
.border{ border-color:#BA4BD9 }
```

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

Here you see how a box with a 4 pixel #BA4BD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA4BD9; -webkit-box-shadow:4px 4px  
4px 4px #BA4BD9; box-shadow:4px 4px 4px  
4px #BA4BD9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12209113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA4BD9 }
```

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

```
.background{ background-color:#BA4BD9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor