

# Converting Colors

Decimal(12141249)

Have a look what the booklet for  
Decimal(12141249) contains.

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# Color

**Decimal(12141249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B942C1
RGB	185, 66, 193
RGB Percent	73%, 26%, 76%
CMY	0.2745, 0.7412, 0.2431
CMYK	0.04, 0.66, 0.00, 0.24
HSL	296°, 51%, 51%
HSV	296°, 66%, 76%
XYZ	31.5814, 18.0610, 52.2737
YIQ	116.0590, 30.1570, 64.7250

# Conversions

## Conversions Part 2

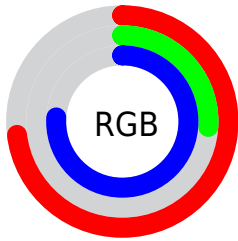
Format	Color
<a href="#">RYB</a>	<a href="#">185, 66, 193</a>
Decimal	<a href="#">12141249</a>
CIELab	<a href="#">49.57, 63.68, -43.55</a>
CIELCh	<a href="#">50, 77.152, 325.632</a>
Yxy	<a href="#">18.0610, 0.3099, 0.1772</a>
Android (android.graphics.Color)	<a href="#">4290331329 (0xFFB942C1)</a>
YUV	<a href="#">116.0590, 37.9319, 60.4613</a>
Hunter-Lab	<a href="#">42.4982, 58.2758, -43.1792</a>

# Details

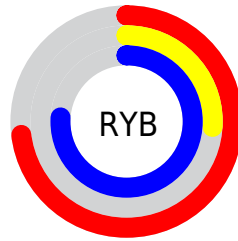
The Decimal color **12141249** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **4899138**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **16022266**, and **8388747** is the 20% darker color. If you saturate the color by 10%, you get **12070849**, and if you desaturate by 10%, it is **12211649**.

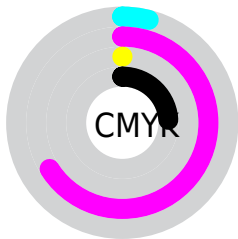
# Distribution



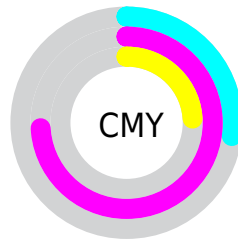
- Red (73%)
- Green (26%)
- Blue (76%)



- Red (73%)
- Yellow (26%)
- Blue (76%)



- Cyan (4%)
- Magenta (66%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (74%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12141249 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 12141249 by changing the saturation by 10% instead.



 12141249

 12141249

16777215

 10232485

 16022266

 8388747

 16750591

 6619249

 16757759

 4784216

 16765183

 3276864

 16772607

 983081

 274

 0

 12141249

 12141249

12070849

12211649

12000193

12282305

11864257

12418241

11862209

12488641

12559041

12629697

12765633

12836033

12906689

# Harmonies

## Analogous

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



5466606



12141249



14750338

# Triad

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



12141249



9924608



37293

# Complementary

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



12141249



4899138

# 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.



37226



12141249



5800704

# Square

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



12141249



13062656



35874



36578

# Rectangle

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



12141249



15078999



35874



37528



# Sweetspot

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



12141249



16238842



4344513



8085373



16579836



8224125



# Same Dimension

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



12141249



15545594



12665482



6313825



9896097



2031649



# Inverse Universe

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



12665418



16397377



4374905



6379352



10551306



2162690



# Previews

## White Background



This preview shows how the Decimal color 12141249 looks on a white background.

## Color Contrast Check

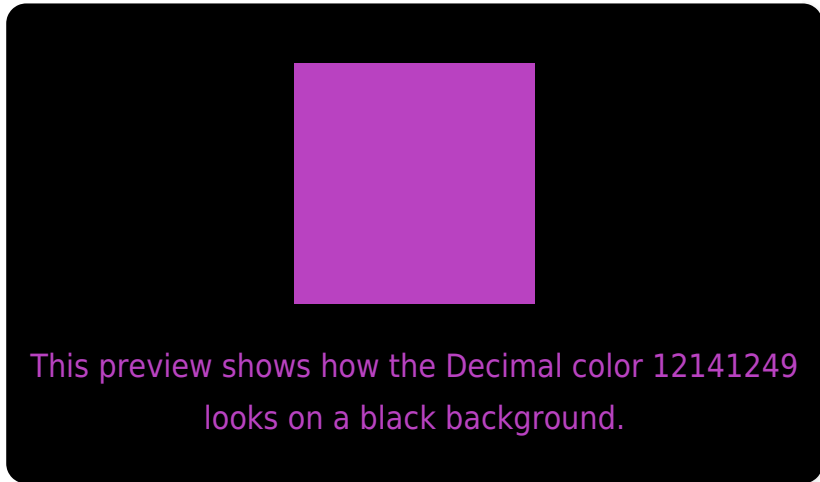
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

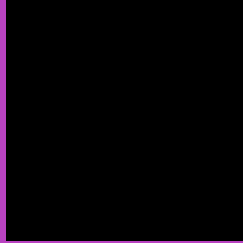
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12141249 Background



This preview shows how black text looks on a background with the Decimal color 12141249.

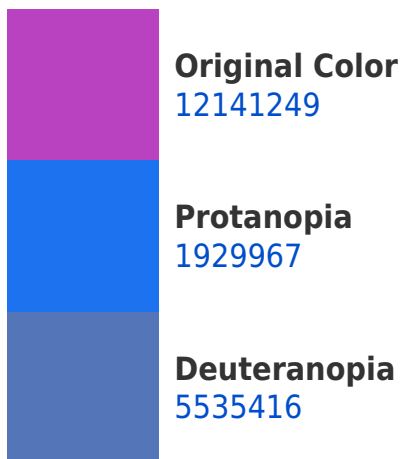


This preview shows how white text looks on a background with the Decimal color 12141249.

# 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**  
11427429

# Trichromacy



**Original Color**  
12141249



**Protanomaly**  
5661150



**Deuteranomaly**  
7955387



**Tritanomaly**  
11687046

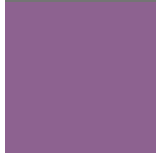
# Monochromacy



**Original Color**  
12141249



**Achromatopsia**  
7631988



**Achromatomaly**  
9265808

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12141249 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 #B942C1 looks like.

```
.text, #text, p{  
  color:#B942C1  
}
```

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 #B942C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B942C1
}
```

## Border

The CSS property to change the border of an element to Decimal 12141249 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
#B942C1 }
```

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

```
.border{ border-color:#B942C1 }
```

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

Here you see how a box with a 4 pixel #B942C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B942C1; -webkit-box-shadow:4px 4px  
4px 4px #B942C1; box-shadow:4px 4px 4px  
4px #B942C1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12141249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B942C1 }
```

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

```
.background{ background-color:#B942C1 }
```

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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