

# Converting Colors

Decimal(12414120)

Have a look what the booklet for  
Decimal(12414120) contains.

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# **Color**

**Decimal(12414120)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD6CA8
RGB	189, 108, 168
RGB Percent	74%, 42%, 66%
CMY	0.2588, 0.5765, 0.3412
CMYK	0.00, 0.43, 0.11, 0.26
HSL	316°, 38%, 58%
HSV	316°, 43%, 74%
XYZ	33.4167, 24.3711, 39.9886
YIQ	139.0590, 29.0160, 35.8320

# Conversions

## Conversions Part 2

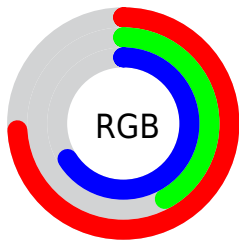
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 108, 168
Decimal	12414120
CIELab	56.46, 40.58, -18.30
CIELCh	56, 44.514, 335.726
Yxy	24.3711, 0.3418, 0.2493
Android (android.graphics.Color)	4290604200 (0xFFBD6CA8)
YUV	139.0590, 14.2679, 43.7983
Hunter-Lab	49.3671, 34.4347, -13.4695

# Details

The Decimal color **12414120** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7126401**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **16228831**, and **8796532** is the 20% darker color. If you saturate the color by 10%, you get **12409251**, and if you desaturate by 10%, it is **12418989**.

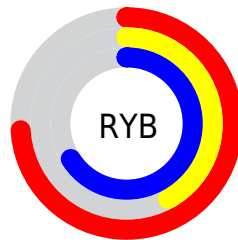
# Distribution



Red (74%)

Green (42%)

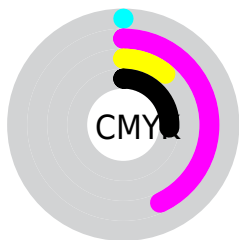
Blue (66%)



Red (74%)

Yellow (42%)

Blue (66%)

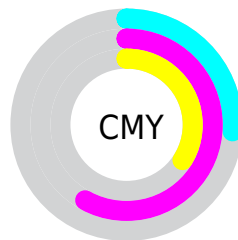


Cyan (0%)

Magenta (43%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (58%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12414120 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 12414120 by changing the saturation by 10% instead.



 12414120

 12414120

16777215

 10572429

 16228831

 8796532

 16760316

 7020379

 16767487

 5374019

 16774911

 3735597

 2228248

 0

 12414120

 12414120

 12409251

 12418989

12404382

12423858

12399513

12428727

12394644

12433596

12389775

12438465

12386444

12443077

12447946

12451791

12451796

# Harmonies

## Analogous

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



9730758



12414120



13592193

# Triad

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



12414120



9930807



39604

# Complementary

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



12414120



7126401

# 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.



39822



12414120



7246406

# Square

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



12414120



12024384



3577958



38093

# Rectangle

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



12414120



13592936



3577958



39848



# Sweetspot

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



12414120



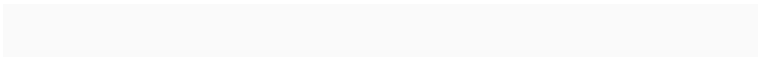
16111085



8416445



8021877



16448250



8026746



# Same Dimension

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



12414120



16087252



12414080



6182236



10354805



2031639



# Inverse Universe

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



12414120



16087252



7126441



6182236



10354805

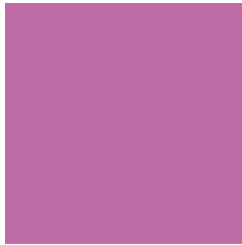


2031639



# Previews

## White Background



This preview shows how the Decimal color 12414120 looks on a white background.

## Color Contrast Check

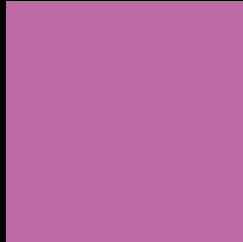
Large Text (above 18pt) WCAG AA ✓ Pass

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 12414120 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 12414120 Background



This preview shows how black text looks on a background with the Decimal color 12414120.

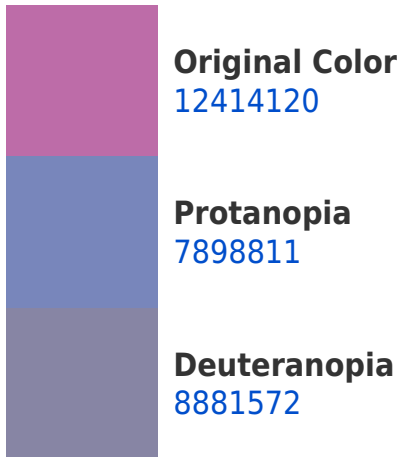


This preview shows how white text looks on a background with the Decimal color 12414120.

# 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**  
12088701

# Trichromacy



**Original Color**  
12414120



**Protanomaly**  
9534900



**Deuteranomaly**  
10189989

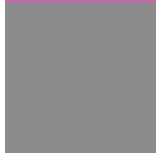


**Tritanomaly**  
12219021

# Monochromacy



**Original Color**  
12414120



**Achromatopsia**  
9145227



**Achromatomaly**  
10322070

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12414120 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 #BD6CA8 looks like.

```
.text, #text, p{  
  color:#BD6CA8  
}
```

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 #BD6CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD6CA8
}
```

## Border

The CSS property to change the border of an element to Decimal 12414120 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
#BD6CA8 }
```

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

```
.border{ border-color:#BD6CA8 }
```

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

Here you see how a box with a 4 pixel #BD6CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD6CA8; -webkit-box-shadow:4px 4px  
4px 4px #BD6CA8; box-shadow:4px 4px 4px  
4px #BD6CA8 }
```

# Background

The CSS property to change the background color of an element to Decimal 12414120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD6CA8 }
```

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

```
.background{ background-color:#BD6CA8 }
```

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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