

# Converting Colors

Decimal(12421596)

Have a look what the booklet for  
Decimal(12421596) contains.

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# **Color**

**Decimal(12421596)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD89DC
RGB	189, 137, 220
RGB Percent	74%, 54%, 86%
CMY	0.2588, 0.4627, 0.1373
CMYK	0.14, 0.38, 0.00, 0.14
HSL	278°, 54%, 70%
HSV	278°, 38%, 86%
XYZ	42.8502, 33.8774, 71.9907
YIQ	162.0100, 4.3490, 36.8370

# Conversions

## Conversions Part 2

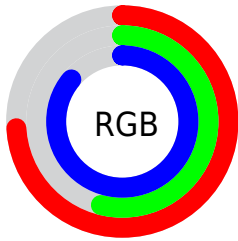
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 137, 220
Decimal	12421596
CIELab	64.87, 34.83, -34.81
CIELCh	65, 49.247, 315.018
Yxy	33.8774, 0.2881, 0.2278
Android (android.graphics.Color)	4290611676 (0xFFBD89DC)
YUV	162.0100, 28.5891, 23.6702
Hunter-Lab	58.2043, 29.5546, -32.5905

# Details

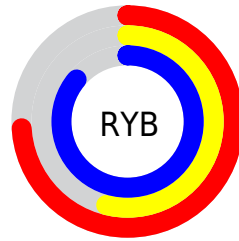
The Decimal color **12421596** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **11066505**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16171007**, and **8804005** is the 20% darker color. If you saturate the color by 10%, you get **11891676**, and if you desaturate by 10%, it is **12951516**.

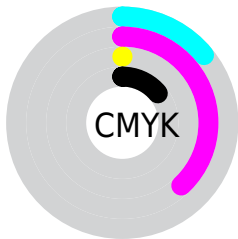
# Distribution



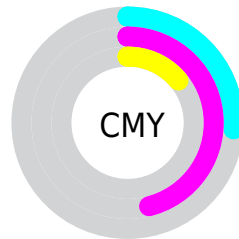
- Red (74%)
- Green (54%)
- Blue (86%)



- Red (74%)
- Yellow (54%)
- Blue (86%)



- Cyan (14%)
- Magenta (38%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (46%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12421596 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 12421596 by changing the saturation by 10% instead.




 12421596

 12421596

16777215

 10579904

 16171007

 8804005


 16767999

 7093898

 16775423

 5383792

 3739223

 2162752

 41

 275

 0

12421596

12421596

11891676

12951516

11361756

13481436

10766300

14076892

10236380

14606812

9706460

15136732

9176540

15663068

9044188

16252892

16777180

# Harmonies

## Analogous

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



8100594



12421596



14908341

# Triad

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



12421596



13275975



46259

# Complementary

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



12421596



11066505

# 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.



2011781



12421596



10658372

# Square

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



12421596



15106913



7384157



45531

# Rectangle

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



12421596



15693976



7384157



46244



# Sweetspot

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



12421596



16114687



9021916



7958400



0



8421504



# Same Dimension

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



12421596



13929727



14453202



6972270



7143597



1900590



# Inverse Universe

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



14453160



16747703



9034899



7234407



11337793

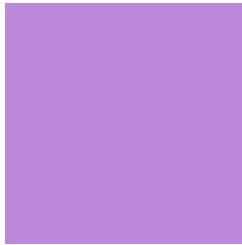


3014673



# Previews

## White Background



This preview shows how the Decimal color 12421596 looks on a white background.

## Color Contrast Check

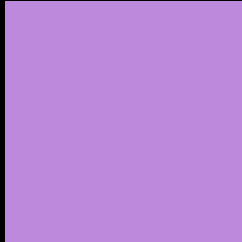
Large Text (above 18pt) WCAG AA × Fail

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 12421596 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

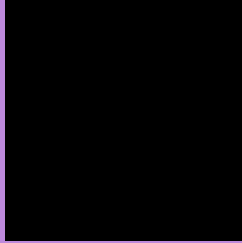
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12421596 Background



This preview shows how black text looks on a background with the Decimal color 12421596.




This preview shows how white text looks on a background with the Decimal color 12421596.

# 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**  
11834785

# Trichromacy



**Original Color**  
12421596



**Protanomaly**  
9999590



**Deuteranomaly**  
10327513



**Tritanomaly**  
12030390

# Monochromacy



**Original Color**  
12421596



**Achromatopsia**  
10658466



**Achromatomaly**  
11311543

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12421596 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 #BD89DC looks like.

```
.text, #text, p{  
    color:#BD89DC  
}
```

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 #BD89DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD89DC  
}
```

## Border

The CSS property to change the border of an element to Decimal 12421596 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  
#BD89DC }
```

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

```
.border{ border-color:#BD89DC }
```

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

Here you see how a box with a 4 pixel #BD89DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD89DC; -webkit-box-shadow:4px 4px  
4px 4px #BD89DC; box-shadow:4px 4px 4px  
4px #BD89DC }
```

# Background

The CSS property to change the background color of an element to Decimal 12421596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD89DC }
```

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

```
.background{ background-color:#BD89DC }
```

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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