

# Converting Colors

Decimal(12474583)

Have a look what the booklet for  
Decimal(12474583) contains.

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# Color

**Decimal(12474583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE58D7
RGB	190, 88, 215
RGB Percent	75%, 35%, 84%
CMY	0.2549, 0.6549, 0.1569
CMYK	0.12, 0.59, 0.00, 0.16
HSL	288°, 61%, 59%
HSV	288°, 59%, 84%
XYZ	36.9907, 22.8329, 66.7475
YIQ	132.9760, 20.0250, 61.1210

# Conversions

## Conversions Part 2

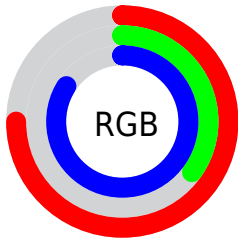
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 88, 215
Decimal	12474583
CIE <sub>Lab</sub>	54.90, 59.45, -47.66
CIE <sub>LCh</sub>	55, 76.193, 321.283
Yxy	22.8329, 0.2923, 0.1804
Android (android.graphics.Color)	4290664663 (0xFFBE58D7)
YUV	132.9760, 40.4378, 50.0100
Hunter-Lab	47.7838, 54.5599, -49.3716

# Details

The Decimal color **12474583** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **7460696**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16355327**, and **8724128** is the 20% darker color. If you saturate the color by 10%, you get **12207063**, and if you desaturate by 10%, it is **12742359**.

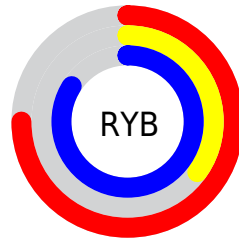
# Distribution



Red (75%)

Green (35%)

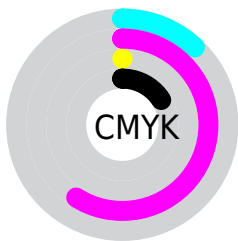
Blue (84%)



Red (75%)

Yellow (35%)

Blue (84%)

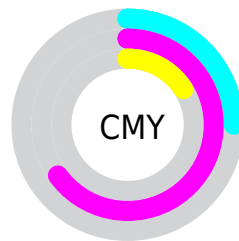


Cyan (12%)

Magenta (59%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (65%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12474583 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 12474583 by changing the saturation by 10% instead.



 12474583

 12474583

16777215

 10566843

 16355327

 8724128

 16755711

 6946949

 16762879

 5177451

 16770303

 3407954

 1638458

 547

 11

 0

■ 12474583

■ 12474583

■ 12207063

■ 12742359

■ 11939287

■ 13009879

■ 11606231

■ 13343191

■ 11338455

■ 13610711

■ 11337943

■ 13878487

■ 14146007

■ 14479319

■ 14745559

■ 15007703

# Harmonies

## Analogous

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



5012479



12474583



15545498

# Triad

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



12474583



11500032



41138

# Complementary

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



12474583



7460696

# 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.



40813



12474583



7507456

# Square

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



12474583



14441237



39206



40426

# Rectangle

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



12474583



16134254



39206



41115



# Sweetspot

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



12474583



16175615



5796311



8020864



0



8421504



# Same Dimension

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



12474583



14371583



14112945



6905963



8978603



2293803



# Inverse Universe

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



14112881



16730734



5822334



7037026



11206690

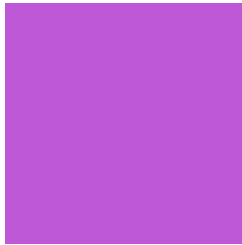


2818057



# Previews

## White Background



This preview shows how the Decimal color 12474583 looks on a white background.

## Color Contrast Check

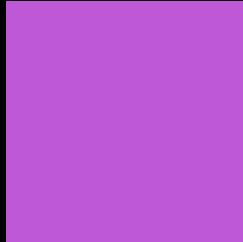
Large Text (above 18pt) WCAG AA ✓ Pass

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 12474583 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

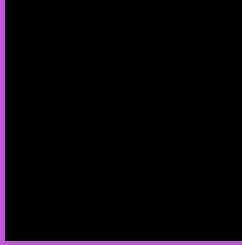
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12474583 Background



This preview shows how black text looks on a background with the Decimal color 12474583.

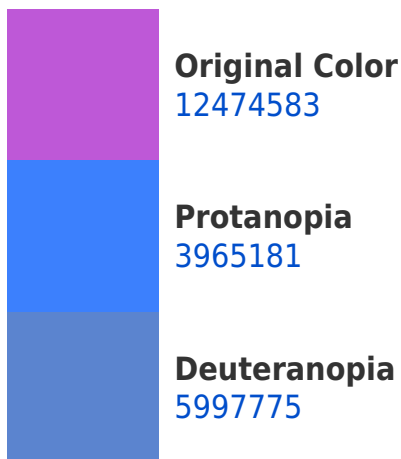



This preview shows how white text looks on a background with the Decimal color 12474583.

# 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



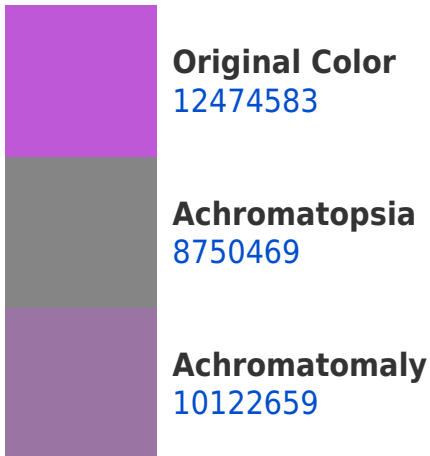


**Tritanopia**  
11629178

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12474583 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 #BE58D7 looks like.

```
.text, #text, p{  
    color:#BE58D7  
}
```

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 #BE58D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE58D7
}
```

## Border

The CSS property to change the border of an element to Decimal 12474583 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
#BE58D7 }
```

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

```
.border{ border-color:#BE58D7 }
```

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

Here you see how a box with a 4 pixel #BE58D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE58D7; -webkit-box-shadow:4px 4px  
4px 4px #BE58D7; box-shadow:4px 4px 4px  
4px #BE58D7 }
```

# Background

The CSS property to change the background color of an element to Decimal 12474583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE58D7 }
```

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

```
.background{ background-color:#BE58D7 }
```

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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