

# Converting Colors

Decimal(12732842)

Have a look what the booklet for  
Decimal(12732842) contains.

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# Color

**Decimal(12732842)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C249AA
RGB	194, 73, 170
RGB Percent	76%, 29%, 67%
CMY	0.2392, 0.7137, 0.3333
CMYK	0.00, 0.62, 0.12, 0.24
HSL	312°, 50%, 52%
HSV	312°, 62%, 76%
XYZ	31.8864, 19.1367, 40.0434
YIQ	120.2370, 40.9790, 55.8190

# Conversions

## Conversions Part 2

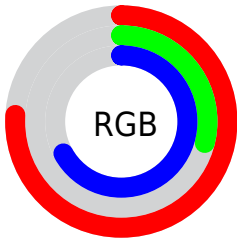
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 73, 170
Decimal	12732842
CIELab	50.85, 59.29, -28.04
CIELCh	51, 65.586, 334.691
Yxy	19.1367, 0.3501, 0.2101
Android (android.graphics.Color)	4290922922 (0xFFC249AA)
YUV	120.2370, 24.5332, 64.6902
Hunter-Lab	43.7455, 53.5551, -23.6505

# Details

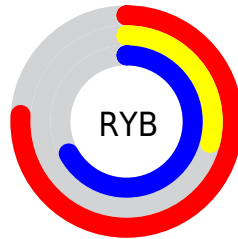
The Decimal color **12732842** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **4833889**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **16613858**, and **8978549** is the 20% darker color. If you saturate the color by 10%, you get **12727974**, and if you desaturate by 10%, it is **12737710**.

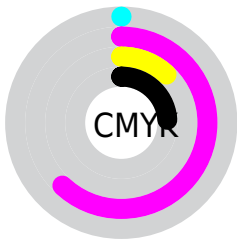
# Distribution



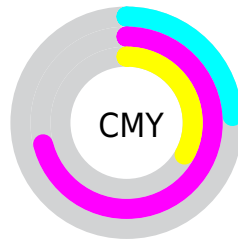
- Red (76%)
- Green (29%)
- Blue (67%)



- Red (76%)
- Yellow (29%)
- Blue (67%)



- Cyan (0%)
- Magenta (62%)
- Yellow (12%)
- Black (24%)



- Cyan (24%)
- Magenta (71%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12732842 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 12732842 by changing the saturation by 10% instead.



 12732842

 12732842

16777215

 10824591

 16613858

 8978549


 16752126

 7143517

 16759295

 5374021

 16766719

 3801134

 16774143

 1835032

 0

 12732842

 12732842

 12727974

 12737710

 12722850

 12742834

 12717982

 12747702

 12714140

 12752825

 12757693

 12762561

 12767685

 12772553

 12777677

# Harmonies

## Analogous

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



8611542



12732842



14301555

# Triad

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



12732842



9075200



37304

# Complementary

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



12732842



4833889

# 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.



37505



12732842



5211907

# Square

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



12732842



12018688



36678



35806

# Rectangle

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



12732842



14238030



36678



37542



# Sweetspot

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



12732842



16567539



6244802



8413818



0



8421504



# Same Dimension

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



12732842



16531415



12732783



6379359



10551425



2162715



# Inverse Universe

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



12732842



16531415



4833948



6379359



10551425



2162715



# Previews

## White Background



This preview shows how the Decimal color 12732842 looks on a white background.

## Color Contrast Check

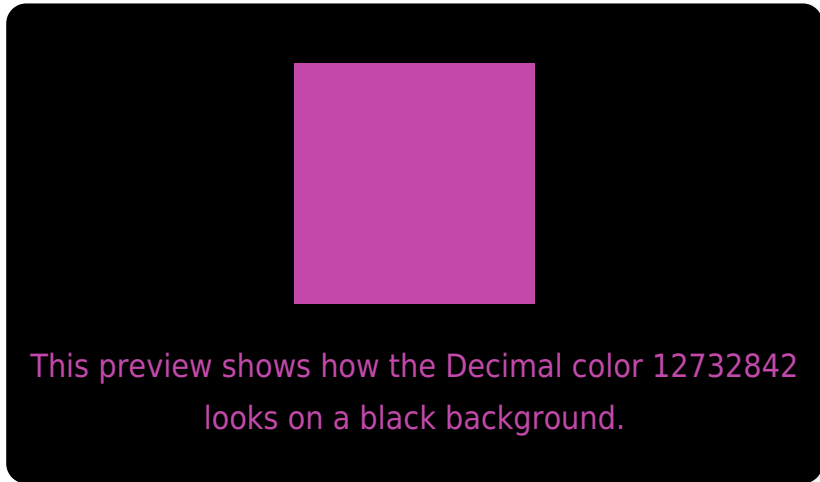
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

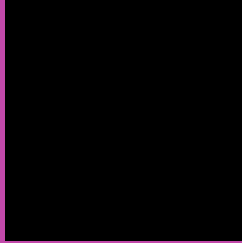
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12732842 Background



This preview shows how black text looks on a background with the Decimal color 12732842.

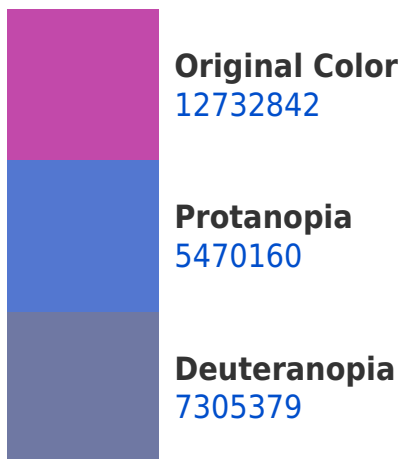


This preview shows how white text looks on a background with the Decimal color 12732842.

# 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**  
12278883

# Trichromacy



**Original Color**  
12732842



**Protanomaly**  
8087234



**Deuteranomaly**  
9267110



**Tritanomaly**  
12473725

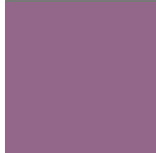
# Monochromacy



**Original Color**  
12732842



**Achromatopsia**  
7895160



**Achromatomaly**  
9660298

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12732842 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 #C249AA looks like.

```
.text, #text, p{  
    color:#C249AA  
}
```

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 #C249AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C249AA
}
```

## Border

The CSS property to change the border of an element to Decimal 12732842 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
#C249AA }
```

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

```
.border{ border-color:#C249AA }
```

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

Here you see how a box with a 4 pixel #C249AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C249AA; -webkit-box-shadow:4px 4px  
4px 4px #C249AA; box-shadow:4px 4px 4px  
4px #C249AA }
```

# Background

The CSS property to change the background color of an element to Decimal 12732842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C249AA }
```

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

```
.background{ background-color:#C249AA }
```

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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