

# Converting Colors

Decimal(12722042)

Have a look what the booklet for  
Decimal(12722042) contains.

<b>Decimal(12722042)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(12722042)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C21F7A
RGB	194, 31, 122
RGB Percent	76%, 12%, 48%
CMY	0.2392, 0.8784, 0.5216
CMYK	0.00, 0.84, 0.37, 0.24
HSL	327°, 72%, 44%
HSV	327°, 84%, 76%
XYZ	26.2510, 13.8544, 19.7029
YIQ	90.1110, 67.9370, 62.8570

# Conversions

## Conversions Part 2

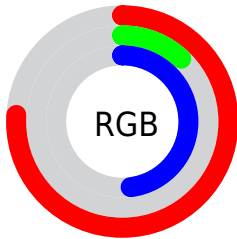
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 31, 122
Decimal	12722042
CIELab	44.02, 66.89, -9.63
CIELCh	44, 67.584, 351.804
Yxy	13.8544, 0.4389, 0.2316
Android (android.graphics.Color)	4290912122 (0xFFC21F7A)
YUV	90.1110, 15.7213, 91.1107
Hunter-Lab	37.2216, 60.7516, -5.3296

# Details

The Decimal color **12722042** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **2081383**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **16736686**, and **8847433** is the 20% darker color. If you saturate the color by 10%, you get **12717169**, and if you desaturate by 10%, it is **12726915**.

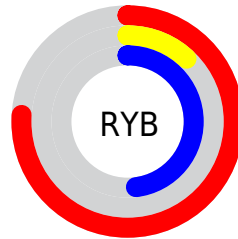
# Distribution



Red (76%)

Green (12%)

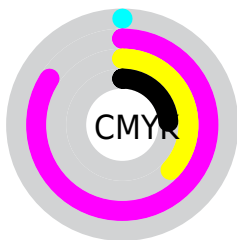
Blue (48%)



Red (76%)

Yellow (12%)

Blue (48%)

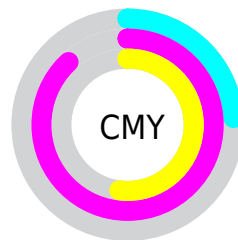


Cyan (0%)

Magenta (84%)

Yellow (37%)

Black (24%)



Cyan (24%)

Magenta (88%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12722042 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 12722042 by changing the saturation by 10% instead.



 12722042

 12722042

16777215

 10748001

 16736686

 8847433

 16744138

 6946867

 16751590

 5111838

 16759039

 3342338

 16766463

 0

 16774143

 12722042

 12722042

 12717169

 12726915

■ 12714092

■ 12732043

■ 12736916

■ 12742044

■ 12746917

■ 12751789

■ 12756918

■ 12761791

■ 12766919

# Harmonies

## Analogous

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



10175150



12722042



13050946

# Triad

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



12722042



5796096



32192

# Complementary

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



12722042



2081383

# 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.



32912



12722042



31512

# Square

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



12722042



9134080



32598



29912

# Rectangle

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



12722042



12335902



32598



32690



# Sweetspot

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



12722042



16563681



6692802



8411503



0



8421504



# Same Dimension

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



12722042



16515213



12721962



6379357



10551386



2162707



# Inverse Universe

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



12722042



16515213



2081463



6379357



10551386



2162707



# Previews

## White Background



This preview shows how the Decimal color 12722042 looks on a white background.

## Color Contrast Check

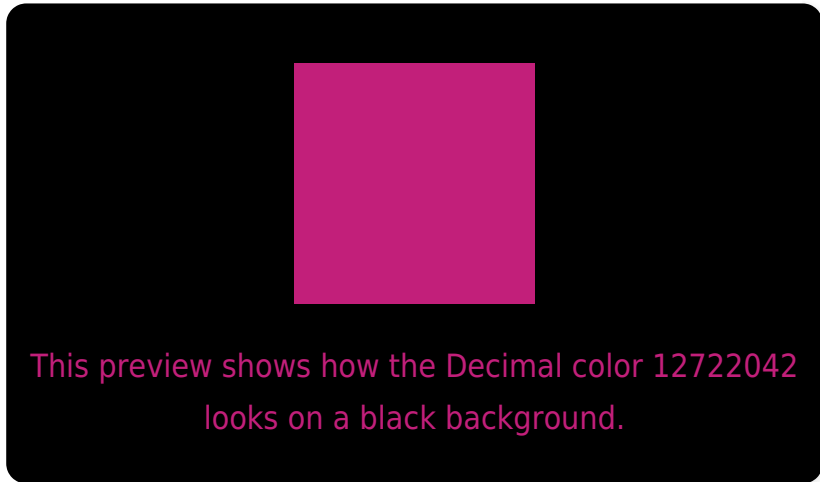
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12722042 Background



This preview shows how black text looks on a background with the Decimal color 12722042.



This preview shows how white text looks on a background with the Decimal color 12722042.

# 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





# Trichromacy



**Original Color**  
12722042



**Protanomaly**  
7949720



**Deuteranomaly**  
9260149



**Tritanomaly**  
12529233

# Monochromacy



**Original Color**  
12722042



**Achromatopsia**  
5921370



**Achromatomaly**  
8406374

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12722042 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 #C21F7A looks like.

```
.text, #text, p{  
  color:#C21F7A  
}
```

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 #C21F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C21F7A
}
```

## Border

The CSS property to change the border of an element to Decimal 12722042 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
#C21F7A }
```

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

```
.border{ border-color:#C21F7A }
```

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

Here you see how a box with a 4 pixel #C21F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C21F7A; -webkit-box-shadow:4px 4px  
4px 4px #C21F7A; box-shadow:4px 4px 4px  
4px #C21F7A }
```

# Background

The CSS property to change the background color of an element to Decimal 12722042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C21F7A }
```

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

```
.background{ background-color:#C21F7A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor