

# Converting Colors

Decimal(12739235)

Have a look what the booklet for  
Decimal(12739235) contains.

<b>Decimal(12739235)</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(12739235)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C262A3
RGB	194, 98, 163
RGB Percent	76%, 38%, 64%
CMY	0.2392, 0.6157, 0.3608
CMYK	0.00, 0.49, 0.16, 0.24
HSL	319°, 44%, 57%
HSV	319°, 49%, 76%
XYZ	33.2267, 22.8490, 37.3094
YIQ	134.1140, 36.3510, 40.5670

# Conversions

## Conversions Part 2

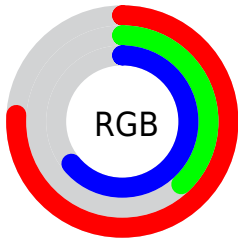
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 98, 163
Decimal	12739235
CIELab	54.92, 46.55, -17.68
CIELCh	55, 49.795, 339.199
Yxy	22.8490, 0.3558, 0.2447
Android (android.graphics.Color)	4290929315 (0xFFC262A3)
YUV	134.1140, 14.2408, 52.5200
Hunter-Lab	47.8007, 40.4258, -12.8166

# Details

The Decimal color **12739235** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6472321**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **16554202**, and **9055599** is the 20% darker color. If you saturate the color by 10%, you get **12734365**, and if you desaturate by 10%, it is **12744105**.

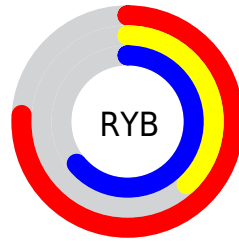
# Distribution



Red (76%)

Green (38%)

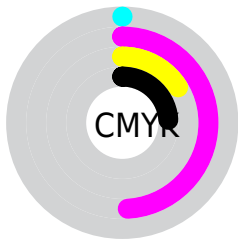
Blue (64%)



Red (76%)

Yellow (38%)

Blue (64%)

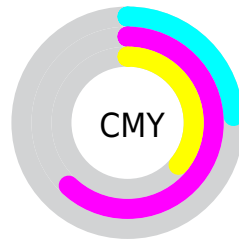


Cyan (0%)

Magenta (49%)

Yellow (16%)

Black (24%)



Cyan (24%)

Magenta (62%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12739235 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 12739235 by changing the saturation by 10% instead.



 12739235

 12739235

16777215

 10897545

 16554202

 9055599

 16757751

 7278423

 16765183

 5570623

 16772351

 3866665

 2228244

 0

 12739235

 12739235

 12734365

 12744105

 12729238

 12749232

 12724368

 12754102

 12719242

 12759228

 12714372

 12764098

 12714115

 12768969

 12774095

 12778965

 12779483

# Harmonies

## Analogous

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



9925319



12739235



13851768

# Triad

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



12739235



9340200



38841

# Complementary

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



12739235



6472321

# 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.



39312



12739235



6328381

# Square

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



12739235



11761201



38499



37076

# Rectangle

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



12739235



13656412



38499



39084



# Sweetspot

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



12739235



16570352



8413890



8415608



0



8421504



# Same Dimension

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



12739235



16541900



12739188



6379358



10551405



2162710



# Inverse Universe

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



12739235



16541900



6472368



6379358



10551405

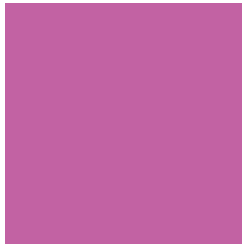


2162710



# Previews

## White Background



This preview shows how the Decimal color 12739235 looks on a white background.

## Color Contrast Check

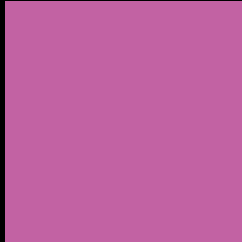
Large Text (above 18pt) WCAG AA ✓ Pass

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 12739235 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

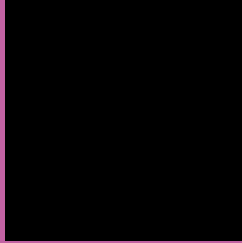
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12739235 Background



This preview shows how black text looks on a background with the Decimal color 12739235.

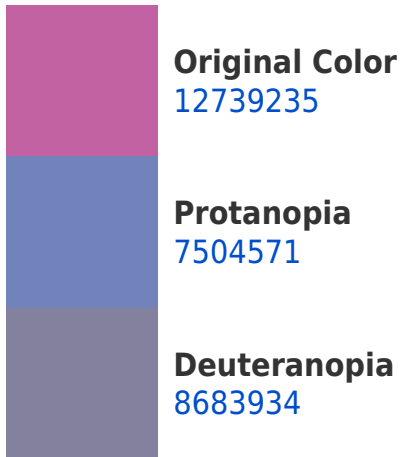



This preview shows how white text looks on a background with the Decimal color 12739235.

# 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**  
12414068

# Trichromacy



**Original Color**  
12739235



**Protanomaly**  
9402034



**Deuteranomaly**  
10188448



**Tritanomaly**  
12544133

# Monochromacy



**Original Color**  
12739235



**Achromatopsia**  
8816262



**Achromatomaly**  
10254737

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12739235 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 #C262A3 looks like.

```
.text, #text, p{  
    color:#C262A3  
}
```

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 #C262A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C262A3
}
```

## Border

The CSS property to change the border of an element to Decimal 12739235 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
#C262A3 }
```

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

```
.border{ border-color:#C262A3 }
```

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

Here you see how a box with a 4 pixel #C262A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C262A3; -webkit-box-shadow:4px 4px  
4px 4px #C262A3; box-shadow:4px 4px 4px  
4px #C262A3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12739235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C262A3 }
```

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

```
.background{ background-color:#C262A3 }
```

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