

# Converting Colors

Decimal(12735370)

Have a look what the booklet for  
Decimal(12735370) contains.

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# Color

**Decimal(12735370)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2538A
RGB	194, 83, 138
RGB Percent	76%, 33%, 54%
CMY	0.2392, 0.6745, 0.4588
CMYK	0.00, 0.57, 0.29, 0.24
HSL	330°, 48%, 54%
HSV	330°, 57%, 76%
XYZ	29.9288, 19.4908, 26.2294
YIQ	122.4590, 48.5010, 40.6370

# Conversions

## Conversions Part 2

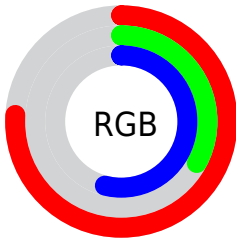
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	194, 83, 138
Decimal	12735370
CIE <sub>Lab</sub>	51.26, 50.26, -8.48
CIE <sub>LCh</sub>	51, 50.975, 350.419
Yxy	19.4908, 0.3956, 0.2576
Android (android.graphics.Color)	4290925450 (0xFFC2538A)
YUV	122.4590, 7.6617, 62.7415
Hunter-Lab	44.1484, 43.7480, -4.3215

# Details

The Decimal color **12735370** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5489291**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **16615871**, and **8985176** is the 20% darker color. If you saturate the color by 10%, you get **12730496**, and if you desaturate by 10%, it is **12740244**.

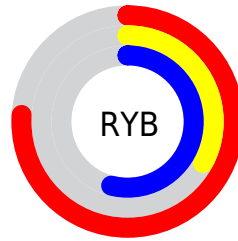
# Distribution



Red (76%)

Green (33%)

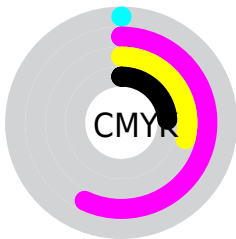
Blue (54%)



Red (76%)

Yellow (33%)

Blue (54%)

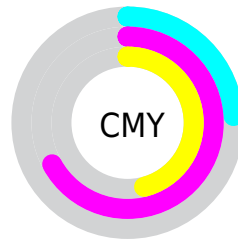


Cyan (0%)

Magenta (57%)

Yellow (29%)

Black (24%)



Cyan (24%)

Magenta (67%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12735370 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 12735370 by changing the saturation by 10% instead.



 12735370

 12735370

16777215

 10827889

 16615871

 8985176


 16754139

 7143489

 16761336

 5373995

 16768511

 3801111

 16776191

 1638401

 0

 12735370

 12735370

 12730496

 12740244

12725366

12745374

12720493

12750247

12715363

12755377

12714080

12760251

12765125

12770255

12775128

12779490

# Harmonies

## Analogous

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



10576562



12735370



13194078

# Triad

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



12735370



7635232



36028

# Complementary

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



12735370



5489291

# 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.



36759



12735370



4098624

# Square

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



12735370



10318621



36458



33744

# Rectangle

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



12735370



12737604



36458



36274



# Sweetspot

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



12735370



16569063



9130946



8414835



0



8421504



# Same Dimension

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



12735370



16535205



12735315



6379356



10551376



2162704



# Inverse Universe

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



12735370



16535205



5489346



6379356



10551376



2162704



# Previews

## White Background



This preview shows how the Decimal color 12735370 looks on a white background.

## Color Contrast Check

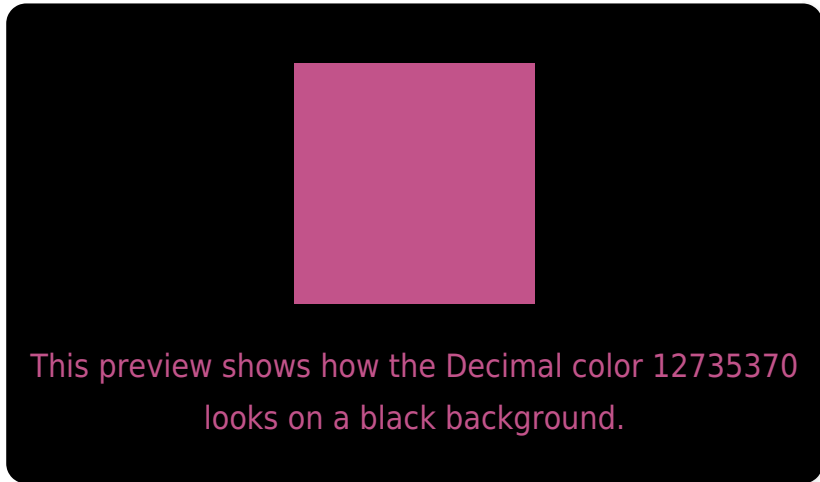
Large Text (above 18pt) WCAG AA ✓ Pass

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 12735370 Background



This preview shows how black text looks on a background with the Decimal color 12735370.



This preview shows how white text looks on a background with the Decimal color 12735370.

# Color Blindness Simulation

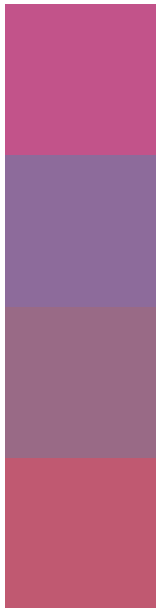
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
12735370

**Protanomaly**  
9268123

**Deuteranomaly**  
10054278

**Tritanomaly**  
12605809

# Monochromacy



**Original Color**  
12735370

**Achromatopsia**  
8026746

**Achromatomaly**  
9727104

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12735370 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 #C2538A looks like.

```
.text, #text, p{  
  color:#C2538A  
}
```

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 #C2538A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2538A
}
```

## Border

The CSS property to change the border of an element to Decimal 12735370 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
#C2538A }
```

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

```
.border{ border-color:#C2538A }
```

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

Here you see how a box with a 4 pixel #C2538A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2538A; -webkit-box-shadow:4px 4px  
4px 4px #C2538A; box-shadow:4px 4px 4px  
4px #C2538A }
```

# Background

The CSS property to change the background color of an element to Decimal 12735370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2538A }
```

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

```
.background{ background-color:#C2538A }
```

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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