

# Converting Colors

Decimal(12735426)

Have a look what the booklet for  
Decimal(12735426) contains.

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# **Color**

**Decimal(12735426)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C253C2
RGB	194, 83, 194
RGB Percent	76%, 33%, 76%
CMY	0.2392, 0.6745, 0.2392
CMYK	0.00, 0.57, 0.00, 0.24
HSL	300°, 48%, 54%
HSV	300°, 57%, 76%
XYZ	35.0790, 21.5509, 53.3498
YIQ	128.8430, 30.5250, 58.0530

# Conversions

## Conversions Part 2

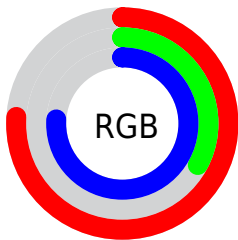
Format	Color
<a href="#">RYB</a>	<a href="#">194, 83, 194</a>
Decimal	<a href="#">12735426</a>
CIELab	<a href="#">53.55, 58.88, -37.76</a>
CIELCh	<a href="#">54, 69.949, 327.325</a>
Yxy	<a href="#">21.5509, 0.3190, 0.1960</a>
Android (android.graphics.Color)	<a href="#">4290925506 (0xFFC253C2)</a>
YUV	<a href="#">128.8430, 32.1224, 57.1427</a>
Hunter-Lab	<a href="#">46.4229, 53.6415, -35.6407</a>

# Details

The Decimal color **12735426** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5489235**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16616187**, and **8983948** is the 20% darker color. If you saturate the color by 10%, you get **12730562**, and if you desaturate by 10%, it is **12740290**.

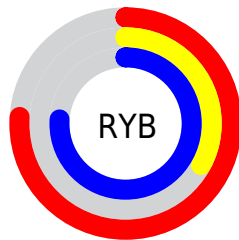
# Distribution



Red (76%)

Green (33%)

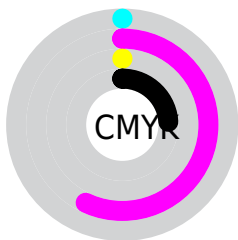
Blue (76%)



Red (76%)

Yellow (33%)

Blue (76%)

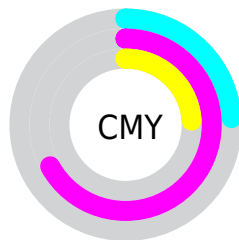


Cyan (0%)

Magenta (57%)

Yellow (0%)

Black (24%)



Cyan (24%)

Magenta (67%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12735426 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 12735426 by changing the saturation by 10% instead.



 12735426

 12735426

16777215

 10827687

 16616187

 8983948

 16754431

 7209074

 16761599

 5439577

 16769023

 3735617

 16776703

 2031658

 276

 0

 12735426

 12735426

12730562

12740290

12725442

12745410

12720578

12750274

12715458

12755394

12714178

12760258

12765122

12770242

12775106

12779458

# Harmonies

## Analogous

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



7303916



12735426



15022728

# Triad

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



12735426



10451968



39606

# Complementary

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



12735426



5489235

# 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.



39544



12735426



6589440

# Square

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



12735426



13394448



38458



38629

# Rectangle

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



12735426



15285600



38458



39842



# Sweetspot

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



12735426



16569084



5460930



8414848



0



8421504



# Same Dimension

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



12735426



16535292



12735371



6379361



10551457



2162721



# Inverse Universe

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



12735426



16535292



5489291



6379361



10551457



2162721



# Previews

## White Background



This preview shows how the Decimal color 12735426 looks on a white background.

## Color Contrast Check

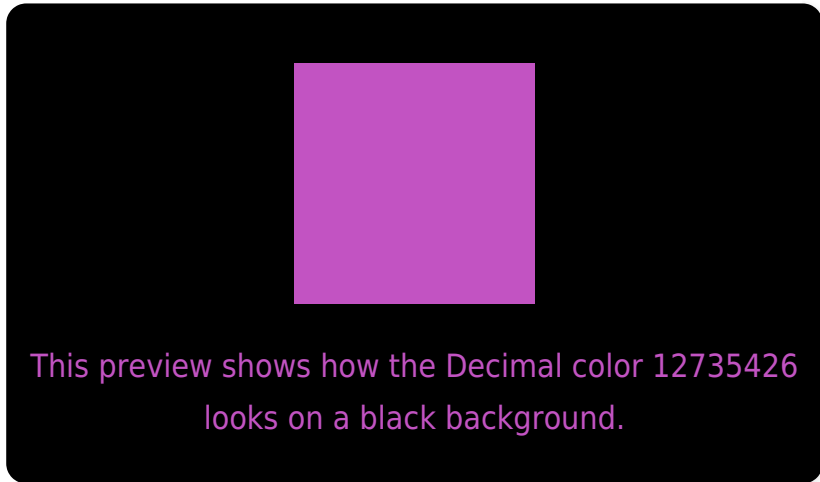
Large Text (above 18pt) WCAG AA ✓ Pass

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

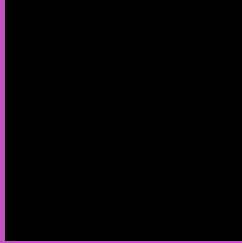
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12735426 Background



This preview shows how black text looks on a background with the Decimal color 12735426.

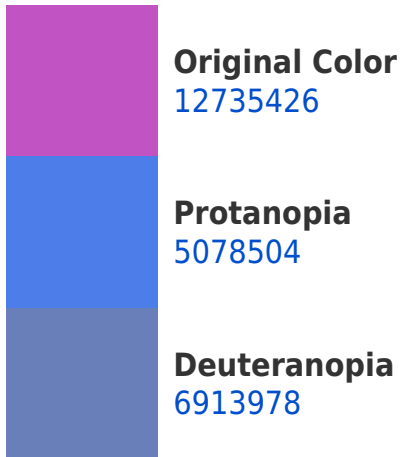



This preview shows how white text looks on a background with the Decimal color 12735426.

# 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**  
12085617

# Trichromacy



**Original Color**  
12735426



**Protanomaly**  
7892698



**Deuteranomaly**  
9007037



**Tritanomaly**  
12345742

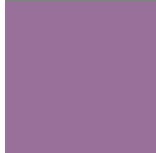
# Monochromacy



**Original Color**  
12735426



**Achromatopsia**  
8487297



**Achromatomaly**  
10055833

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12735426 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 #C253C2 looks like.

```
.text, #text, p{  
    color:#C253C2  
}
```

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 #C253C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C253C2
}
```

## Border

The CSS property to change the border of an element to Decimal 12735426 is called "border". The border property can be set on classes, ids or directly on the HTML element.

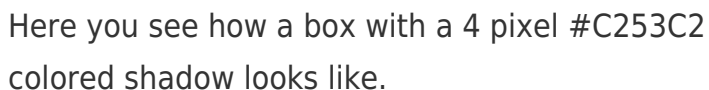
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C253C2 }
```

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

```
.border{ border-color:#C253C2 }
```

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



Here you see how a box with a 4 pixel `#C253C2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C253C2; -webkit-box-shadow:4px 4px  
4px 4px #C253C2; box-shadow:4px 4px 4px  
4px #C253C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12735426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C253C2 }
```

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

```
.background{ background-color:#C253C2 }
```

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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