

# Converting Colors

Decimal(12617152)

Have a look what the booklet for  
Decimal(12617152) contains.

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# **Color**

**Decimal(12617152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C085C0
RGB	192, 133, 192
RGB Percent	75%, 52%, 75%
CMY	0.2471, 0.4784, 0.2471
CMYK	0.00, 0.31, 0.00, 0.25
HSL	300°, 32%, 64%
HSV	300°, 31%, 75%
XYZ	39.6402, 31.7873, 53.9155
YIQ	157.3670, 16.2250, 30.8570

# Conversions

## Conversions Part 2

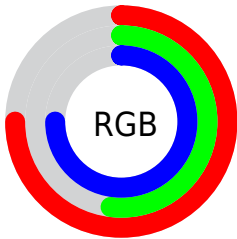
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">192, 133, 192</a>
Decimal	<a href="#">12617152</a>
CIELab	<a href="#">63.17, 32.33, -21.73</a>
CIELCh	<a href="#">63, 38.957, 326.092</a>
Yxy	<a href="#">31.7873, 0.3163, 0.2536</a>
Android (android.graphics.Color)	<a href="#">4290807232 (0xFFC085C0)</a>
YUV	<a href="#">157.3670, 17.0741, 30.3731</a>
Hunter-Lab	<a href="#">56.3802, 26.8356, -17.2319</a>

# Details

The Decimal color **12617152** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8765573**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **16366585**, and **8999562** is the 20% darker color. If you saturate the color by 10%, you get **12612288**, and if you desaturate by 10%, it is **12622016**.

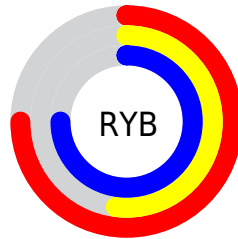
# Distribution



Red (75%)

Green (52%)

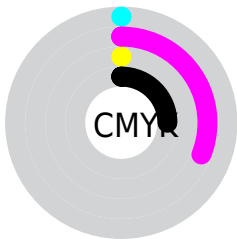
Blue (75%)



Red (75%)

Yellow (52%)

Blue (75%)

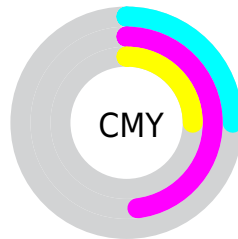


Cyan (0%)

Magenta (31%)

Yellow (0%)

Black (25%)



Cyan (25%)

Magenta (48%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12617152 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 12617152 by changing the saturation by 10% instead.



 12617152

 12617152

16777215

 10775461

 16366585

 8999562

 16766975

 7289457

 16774399

 5644888

 4065601

 2621482

 21

 0

 12617152

 12617152

 12612288

 12622016

 12607424

 12626880

 12602304

 12632000

 12597440

 12636864

 12592576

 12641728

 12587712

 12646592

 12583104

 12648384

# Harmonies

## Analogous

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



9867991



12617152



14122655

# Triad

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



12617152



11769171



43958

# Complementary

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



12617152



8765573

# 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.



3189651



12617152



9478233

# Square

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



12617152



13470048



6793073



42706

# Rectangle

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



12617152



14450311



6793073



43947



# Sweetspot

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



12617152



16442362



8750528



8220541



16579836



8224125



# Same Dimension

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



12617152



16424442



12617123



6379361



10551457



2162721



# Inverse Universe

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



12617152



16424442



8765603



6379361



10551457

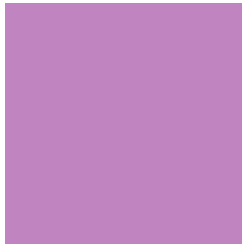


2162721



# Previews

## White Background



This preview shows how the Decimal color 12617152 looks on a white background.

## Color Contrast Check

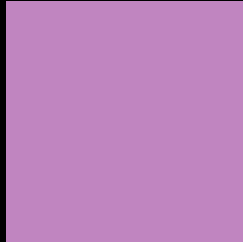
Large Text (above 18pt) WCAG AA × Fail

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 12617152 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

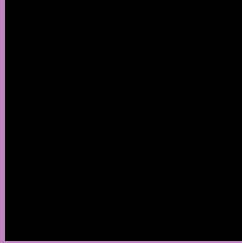
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12617152 Background



This preview shows how black text looks on a background with the Decimal color 12617152.



This preview shows how white text looks on a background with the Decimal color 12617152.

# 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



**Original Color**  
12617152

**Protanopia**  
9082829

**Deuteranopia**  
9868989



**Tritanopia**  
12291480

# Trichromacy



**Original Color**  
12617152

**Protanomaly**  
10391752

**Deuteranomaly**  
10850494

**Tritanomaly**  
12421799

# Monochromacy



**Original Color**  
12617152

**Achromatopsia**  
10329501

**Achromatomaly**  
11179178

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12617152 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 #C085C0 looks like.

```
.text, #text, p{  
    color:#C085C0  
}
```

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 #C085C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C085C0
}
```

## Border

The CSS property to change the border of an element to Decimal 12617152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

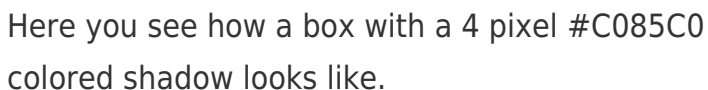
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C085C0 }
```

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

```
.border{ border-color:#C085C0 }
```

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



Here you see how a box with a 4 pixel `#C085C0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C085C0; -webkit-box-shadow:4px 4px  
4px 4px #C085C0; box-shadow:4px 4px 4px  
4px #C085C0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12617152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C085C0 }
```

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

```
.background{ background-color:#C085C0 }
```

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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