

# Converting Colors

Decimal(12607372)

Have a look what the booklet for  
Decimal(12607372) contains.

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# Color

**Decimal(12607372)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C05F8C
RGB	192, 95, 140
RGB Percent	75%, 37%, 55%
CMY	0.2471, 0.6275, 0.4510
CMYK	0.00, 0.51, 0.27, 0.25
HSL	332°, 43%, 56%
HSV	332°, 51%, 75%
XYZ	30.5641, 21.2843, 27.3083
YIQ	129.1330, 43.3670, 34.5590

# Conversions

## Conversions Part 2

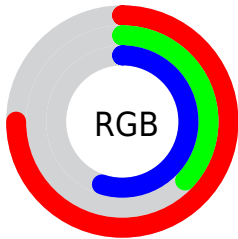
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 95, 140
Decimal	12607372
CIELab	53.26, 44.02, -6.71
CIELCh	53, 44.531, 351.328
Yxy	21.2843, 0.3861, 0.2689
Android (android.graphics.Color)	4290797452 (0xFFC05F8C)
YUV	129.1330, 5.3574, 55.1344
Hunter-Lab	46.1349, 37.5188, -2.8006

# Details

The Decimal color **12607372** 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 **6275219**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **16487618**, and **8923994** is the 20% darker color. If you saturate the color by 10%, you get **12602498**, and if you desaturate by 10%, it is **12612246**.

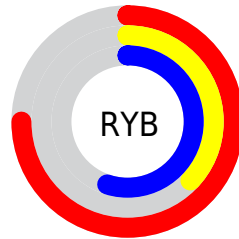
# Distribution



Red (75%)

Green (37%)

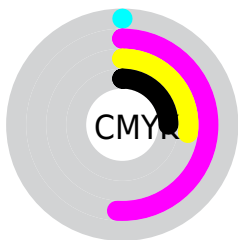
Blue (55%)



Red (75%)

Yellow (37%)

Blue (55%)

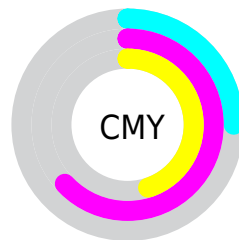


Cyan (0%)

Magenta (51%)

Yellow (27%)

Black (25%)



Cyan (25%)

Magenta (63%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12607372 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 12607372 by changing the saturation by 10% instead.



 12607372

 12607372

16777215

 10765683

 16487618

 8923994

 16756957

 7081027

 16764154

 5373996

 16771583

 3735576

 1835009

 0

 12607372

 12607372

 12602498

 12612246

 12597623

 12617121

 12592493

 12622251

 12587619

 12627125

 12583001

 12631999

 12636874

 12641748

 12646878

 12648425

# Harmonies

## Analogous

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



10709680



12607372



13000805

# Triad

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



12607372



8029492



36794

# Complementary

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



12607372



6275219

# 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.



37530



12607372



5016909

# Square

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



12607372



10451249



37490



34763

# Rectangle

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



12607372



12609102



37490



37041



# Sweetspot

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



12607372



16438502



9658304



8218225



16579836



8224125



# Same Dimension

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



12607372



16409000



12608095



6379356



10551371



2162703



# Inverse Universe

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



12607372



16409000



6274496



6379356



10551371



2162703



# Previews

## White Background



This preview shows how the Decimal color 12607372 looks on a white background.

## Color Contrast Check

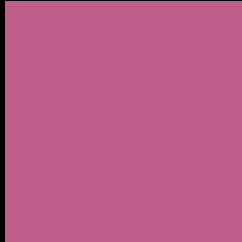
Large Text (above 18pt) WCAG AA ✓ Pass

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 12607372 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

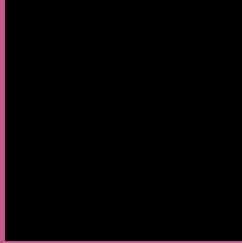
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12607372 Background



This preview shows how black text looks on a background with the Decimal color 12607372.



This preview shows how white text looks on a background with the Decimal color 12607372.

# 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**  
12412269

# Trichromacy



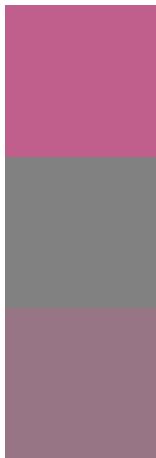
**Original Color**  
12607372

**Protanomaly**  
9597849

**Deuteranomaly**  
10318217

**Tritanomaly**  
12477304

# Monochromacy



**Original Color**  
12607372

**Achromatopsia**  
8487297

**Achromatomaly**  
9991557

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12607372 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 #C05F8C looks like.

```
.text, #text, p{  
    color:#C05F8C  
}
```

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 #C05F8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C05F8C
}
```

## Border

The CSS property to change the border of an element to Decimal 12607372 is called "border". The border property can be set on classes, ids or directly on the HTML element.

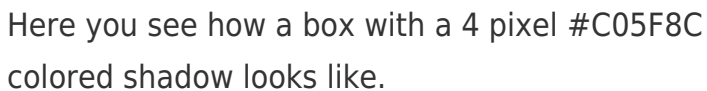
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C05F8C }
```

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

```
.border{ border-color:#C05F8C }
```

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



Here you see how a box with a 4 pixel #C05F8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C05F8C; -webkit-box-shadow:4px 4px  
4px 4px #C05F8C; box-shadow:4px 4px 4px  
4px #C05F8C }
```

# Background

The CSS property to change the background color of an element to Decimal 12607372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C05F8C }
```

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

```
.background{ background-color:#C05F8C }
```

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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