

# Converting Colors

Decimal(12387468)

Have a look what the booklet for  
Decimal(12387468) contains.

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# Color

**Decimal(12387468)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD048C
RGB	189, 4, 140
RGB Percent	74%, 2%, 55%
CMY	0.2588, 0.9843, 0.4510
CMYK	0.00, 0.98, 0.26, 0.26
HSL	316°, 96%, 38%
HSV	316°, 98%, 74%
XYZ	25.7633, 12.7991, 25.9235
YIQ	74.8190, 66.6040, 81.5160

# Conversions

## Conversions Part 2

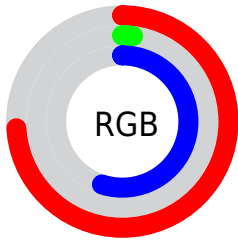
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 4, 140
Decimal	12387468
CIE <sub>Lab</sub>	42.46, 71.61, -23.17
CIE <sub>LCh</sub>	42, 75.263, 342.073
Yxy	12.7991, 0.3995, 0.1985
Android (android.graphics.Color)	4290577548 (0xFFBD048C)
YUV	74.8190, 32.1342, 100.1367
Hunter-Lab	35.7758, 65.9358, -17.9191

# Details

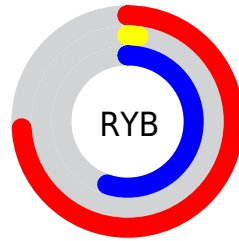
The Decimal color **12387468** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **310581**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **16340930**, and **8519770** is the 20% darker color. If you saturate the color by 10%, you get **12386443**, and if you desaturate by 10%, it is **12392337**.

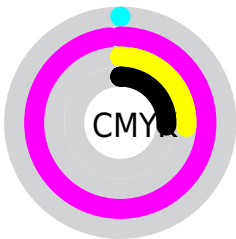
# Distribution



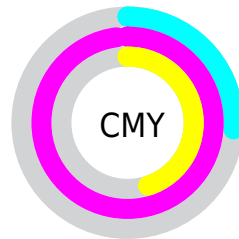
- Red (74%)
- Green (2%)
- Blue (55%)



- Red (74%)
- Yellow (2%)
- Blue (55%)



- Cyan (0%)
- Magenta (98%)
- Yellow (26%)
- Black (26%)



- Cyan (26%)
- Magenta (98%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12387468 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 12387468 by changing the saturation by 10% instead.



 12387468

 12387468

16777215

 10485874

 16340930

 8519770

 16741854

 6684738

 16749306

 4915244

 16756735

 3014678

 16764415

 0

 16772095

 12387468

 12387468

 12386443

 12392337

 12397206

 12402075

 12406944

 12411557

 12416426

 12421295

 12426164

 12431033

# Harmonies

## Analogous

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



8537282



12387468



13434958

# Triad

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



12387468



6580736



32183

# Complementary

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



12387468



310581

# 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.



32381



12387468



30208

# Square

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



12387468



9982720



31547



30428

# Rectangle

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



12387468



12982566



31547



32165



# Sweetspot

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



12387468



16101090



3278013



8015983



16448250



8026746



# Same Dimension

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



12387468



16056500



12387378



6182236



10354804



2031638



# Inverse Universe

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



12387468



16056500



310671



6182236



10354804



2031638



# Previews

## White Background



This preview shows how the Decimal color 12387468 looks on a white background.

## Color Contrast Check

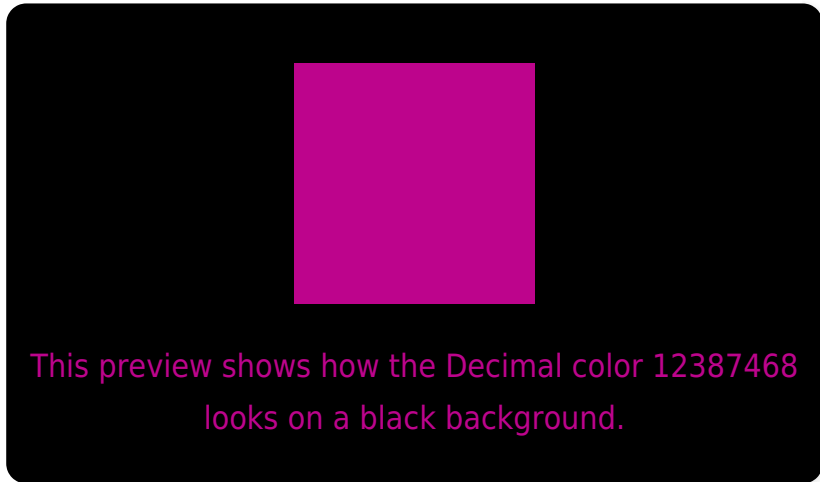
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 12387468 Background



This preview shows how black text looks on a background with the Decimal color 12387468.



This preview shows how white text looks on a background with the Decimal color 12387468.

# 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**

12387468



**Protanomaly**

6308018



**Deuteranomaly**

8536454



**Tritanomaly**

12133464

# Monochromacy



**Original Color**

12387468



**Achromatopsia**

4934475



**Achromatomaly**

7614819

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12387468 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 #BD048C looks like.

```
.text, #text, p{  
    color:#BD048C  
}
```

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 #BD048C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD048C
}
```

## Border

The CSS property to change the border of an element to Decimal 12387468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

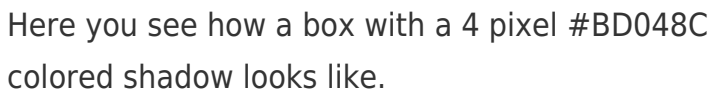
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD048C }
```

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

```
.border{ border-color:#BD048C }
```

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



Here you see how a box with a 4 pixel #BD048C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD048C; -webkit-box-shadow:4px 4px  
4px 4px #BD048C; box-shadow:4px 4px 4px  
4px #BD048C }
```

# Background

The CSS property to change the background color of an element to Decimal 12387468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD048C }
```

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

```
.background{ background-color:#BD048C }
```

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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