

# Converting Colors

Decimal(12386474)

Have a look what the booklet for  
Decimal(12386474) contains.

<b>Decimal(12386474)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(12386474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD00AA
RGB	189, 0, 170
RGB Percent	74%, 0%, 67%
CMY	0.2588, 1.0000, 0.3333
CMYK	0.00, 1.00, 0.10, 0.26
HSL	306°, 100%, 37%
HSV	306°, 100%, 74%
XYZ	28.2420, 13.7211, 39.1901
YIQ	75.8910, 58.0740, 92.9380

# Conversions

## Conversions Part 2

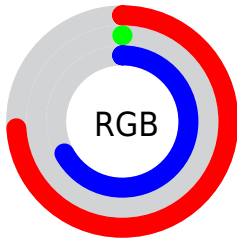
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 0, 170
Decimal	12386474
CIE <sub>Lab</sub>	43.83, 75.76, -39.11
CIE <sub>LCh</sub>	44, 85.259, 332.695
Yxy	13.7211, 0.3480, 0.1691
Android (android.graphics.Color)	4290576554 (0xFFBD00AA)
YUV	75.8910, 46.3957, 99.1966
Hunter-Lab	37.0420, 71.2704, -36.7989

# Details

The Decimal color **12386474** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **48403**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **16341218**, and **8585333** is the 20% darker color. If you saturate the color by 10%, you get **12386474**, and if you desaturate by 10%, it is **12391340**.

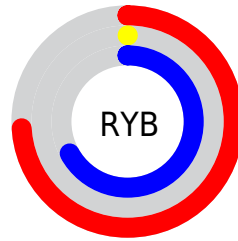
# Distribution



Red (74%)

Green (0%)

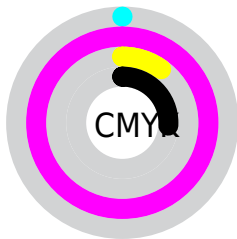
Blue (67%)



Red (74%)

Yellow (0%)

Blue (67%)

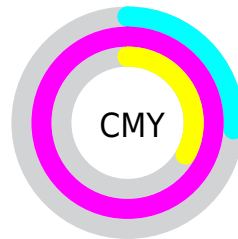


Cyan (0%)

Magenta (100%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (100%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12386474 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 12386474 by changing the saturation by 10% instead.



 12386474

 12386474

16777215

 10485903

 16341218

 8585333


 16742143

 6684764

 16749823

 4915268

 16757247

 3080237

 16764927

 196631

 16772607

 0

 12386474

 12391340

■ 12396206

■ 12401072

■ 12405938

■ 12410804

■ 12415413

■ 12420279

■ 12425145

■ 12430011

# Harmonies

## Analogous

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



6312161



12386474



14418021

# Triad

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



12386474



7956224



33715

# Complementary

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



12386474



48403

# 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.



33644



12386474



2717696

# Square

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



12386474



11552768



32797



32743

# Rectangle

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



12386474



14352439



32797



33949



# Sweetspot

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



12386474



16100333



1245373



8015478



16448250



8026746



# Same Dimension

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



12386474



16056540



12386380



6182237



10354830



2031644



# Inverse Universe

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



12386474



16056540



48497



6182237



10354830



2031644



# Previews

## White Background



This preview shows how the Decimal color 12386474 looks on a white background.

## Color Contrast Check

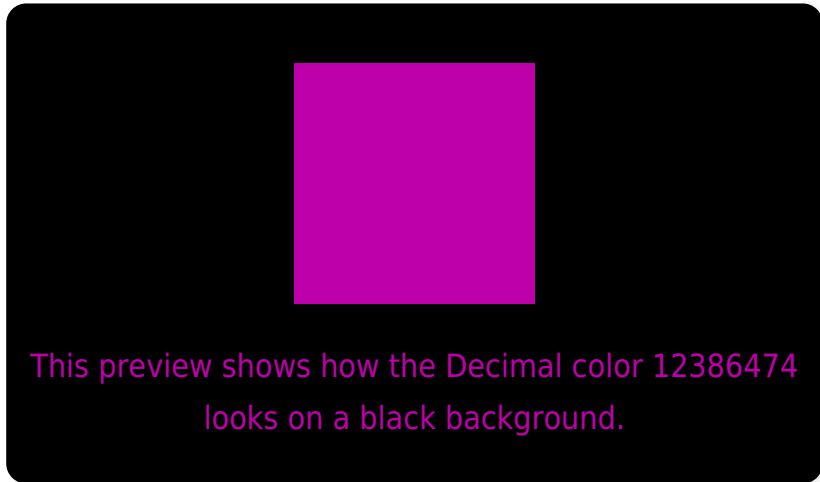
Large Text (above 18pt) WCAG AA ✓ Pass

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

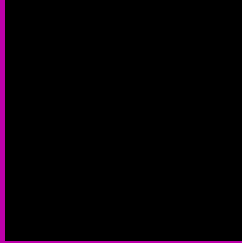
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12386474 Background



This preview shows how black text looks on a background with the Decimal color 12386474.

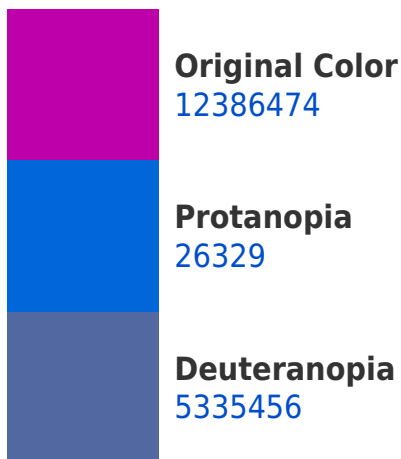


This preview shows how white text looks on a background with the Decimal color 12386474.

# 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**

12386474



**Protanomaly**

4538824



**Deuteranomaly**

7881636



**Tritanomaly**

12004203

# Monochromacy



**Original Color**

12386474



**Achromatopsia**

5000268



**Achromatomaly**

7680110

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12386474 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 #BD00AA looks like.

```
.text, #text, p{  
  color:#BD00AA  
}
```

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 #BD00AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD00AA }  
}
```

## Border

The CSS property to change the border of an element to Decimal 12386474 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 #BD00AA }  
}
```

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

```
.border{ border-color:#BD00AA }
```

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

Here you see how a box with a 4 pixel #BD00AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD00AA; -webkit-box-shadow:4px 4px  
4px 4px #BD00AA; box-shadow:4px 4px 4px  
4px #BD00AA }
```

# Background

The CSS property to change the background color of an element to Decimal 12386474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD00AA }
```

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

```
.background{ background-color:#BD00AA }
```

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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