

Converting Colors

Decimal(12387241)

Have a look what the booklet for
Decimal(12387241) contains.

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Color

Decimal(12387241)

Conversions

Conversions Part 1

Format	Color
Hex	BD03A9
RGB	189, 3, 169
RGB Percent	74%, 1%, 66%
CMY	0.2588, 0.9882, 0.3373
CMYK	0.00, 0.98, 0.11, 0.26
HSL	306°, 97%, 38%
HSV	306°, 98%, 74%
XYZ	28.1803, 13.7485, 38.7046
YIQ	77.5380, 57.5700, 91.0580

Conversions

Conversions Part 2

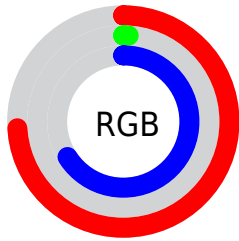
Format	Color
R_{YB}	189, 3, 169
Decimal	12387241
CIE _{Lab}	43.87, 75.34, -38.45
CIE _{LCh}	44, 84.589, 332.962
Yxy	13.7485, 0.3495, 0.1705
Android (android.graphics.Color)	4290577321 (0xFFBD03A9)
YUV	77.5380, 45.0908, 97.7522
Hunter-Lab	37.0790, 70.7729, -35.9341

Details

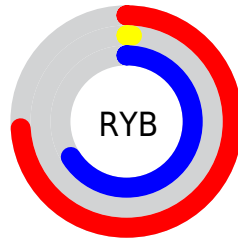
The Decimal color **12387241** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **245015**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **16341473**, and **8585332** is the 20% darker color. If you saturate the color by 10%, you get **12386473**, and if you desaturate by 10%, it is **12392107**.

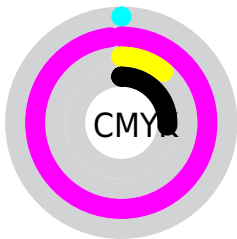
Distribution



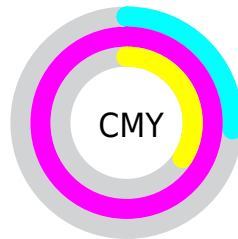
- Red (74%)
- Green (1%)
- Blue (66%)



- Red (74%)
- Yellow (1%)
- Blue (66%)



- Cyan (0%)
- Magenta (98%)
- Yellow (11%)
- Black (26%)



- Cyan (26%)
- Magenta (99%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12387241 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 12387241 by changing the saturation by 10% instead.

 12387241

 12387241

16777215

 10485902

 16341473

 8585332

 16742398

 6684763

 16749823

 4915267

 16757247

 3080236

 16764927

 196630

 16772607

 0

 12387241

 12387241

 12386473

 12392107

 12396973

 12401839

 12406705

 12411571

 12416181

 12421047

 12425913

 12430779

Harmonies

Analogous

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



6443232



12387241



14418020

Triad

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



12387241



7956480



33715

Complementary

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



12387241



245015

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.



33645



12387241



2717696

Square

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



12387241



11487488



32799



32743

Rectangle

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



12387241



14286903



32799



33949

Sweetspot

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



12387241



16100333



1442749



8015478



16448250



8026746

Same Dimension

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



12387241



16056538



12387149



6182237



10354829



2031643

Inverse Universe

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



12387241



16056538



245107



6182237



10354829



2031643

Previews

White Background



This preview shows how the Decimal color 12387241 looks on a white background.

Color Contrast Check

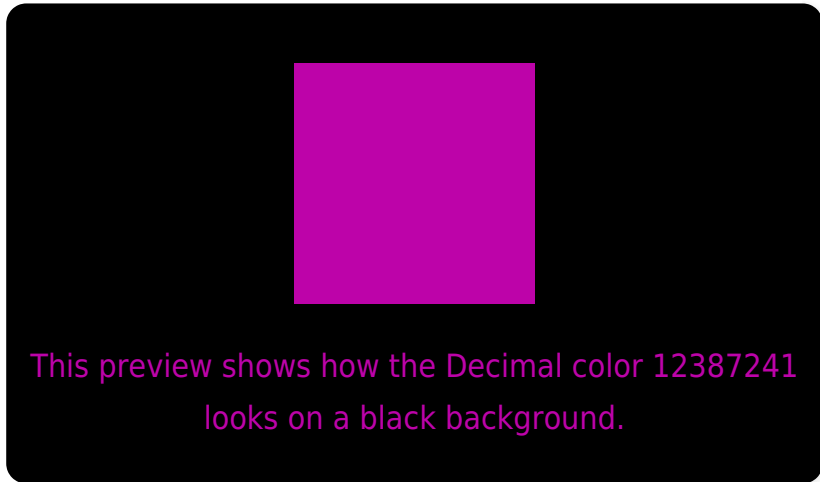
Large Text (above 18pt) WCAG AA ✓ Pass

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

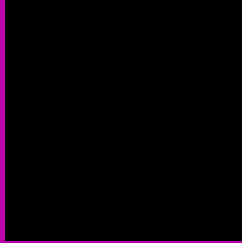
Any Text WCAG AA × Fail

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 12387241 Background



This preview shows how black text looks on a background with the Decimal color 12387241.

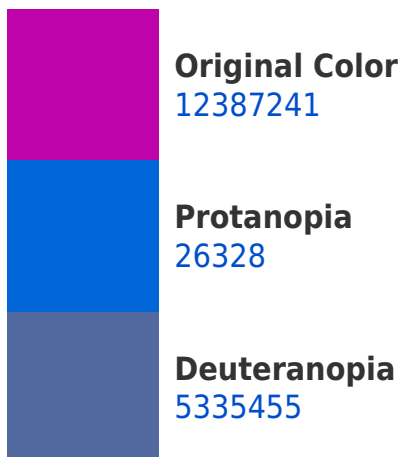


This preview shows how white text looks on a background with the Decimal color 12387241.

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
12387241



Protanomaly
4539079



Deuteranomaly
7881891

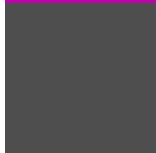


Tritanomaly
12004203

Monochromacy



Original Color
12387241



Achromatopsia
5131854



Achromatomaly
7746415

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12387241 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 #BD03A9 looks like.

```
.text, #text, p{  
    color:#BD03A9  
}
```

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 #BD03A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD03A9
}
```

Border

The CSS property to change the border of an element to Decimal 12387241 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
#BD03A9 }
```

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

```
.border{ border-color:#BD03A9 }
```

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

Here you see how a box with a 4 pixel #BD03A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD03A9; -webkit-box-shadow:4px 4px  
4px 4px #BD03A9; box-shadow:4px 4px 4px  
4px #BD03A9 }
```

Background

The CSS property to change the background color of an element to Decimal 12387241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD03A9 }
```

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

```
.background{ background-color:#BD03A9 }
```

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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