

# Converting Colors

Decimal(12365003)

Have a look what the booklet for  
Decimal(12365003) contains.

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# **Color**

**Decimal(12365003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BCACCB
RGB	188, 172, 203
RGB Percent	74%, 67%, 80%
CMY	0.2627, 0.3255, 0.2039
CMYK	0.07, 0.15, 0.00, 0.20
HSL	271°, 23%, 74%
HSV	271°, 15%, 80%
XYZ	46.2711, 44.5082, 62.6521
YIQ	180.3180, -0.4150, 13.0330

# Conversions

## Conversions Part 2

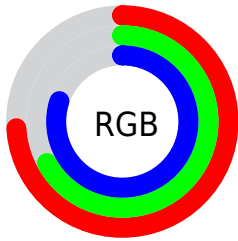
Format	Color
<a href="#">RYB</a>	<a href="#">188, 172, 203</a>
Decimal	<a href="#">12365003</a>
CIELab	<a href="#">72.57, 11.58, -13.65</a>
CIElCh	<a href="#">73, 17.898, 310.311</a>
Yxy	<a href="#">44.5082, 0.3016, 0.2901</a>
Android (android.graphics.Color)	<a href="#">4290555083 (0xFFBCACCB)</a>
YUV	<a href="#">180.3180, 11.1822, 6.7371</a>
Hunter-Lab	<a href="#">66.7145, 7.0516, -8.9796</a>

# Details

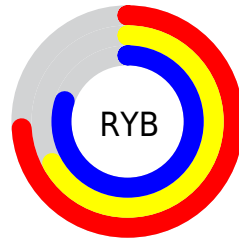
The Decimal color **12365003** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12307372**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16049151**, and **8878229** is the 20% darker color. If you saturate the color by 10%, you get **11704523**, and if you desaturate by 10%, it is **13025483**.

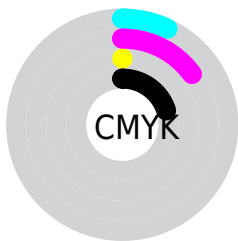
# Distribution



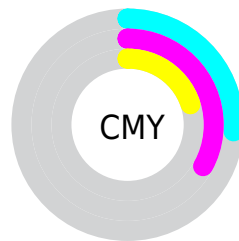
- Red (74%)
- Green (67%)
- Blue (80%)



- Red (74%)
- Yellow (67%)
- Blue (80%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (20%)



- Cyan (26%)
- Magenta (33%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12365003 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 12365003 by changing the saturation by 10% instead.



■ 12365003

16777215

■ 16049151

■ 12365003

■ 10588592

■ 8878229

■ 7167867

■ 5588834

■ 4010314

■ 2563124

■ 1311263

■ 2

■ 0

 12365003

 12365003

 11704523

 13025483

 11043787

 13686219

 10448843

 14281163

 9788363

 14941643

 9127883

 15597515

 8467147

 16252875

 7806667

 16777163

 7146187

 6881483

# Harmonies

## Analogous

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



10990290



12365003



13412541

# Triad

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



12365003



13217172



9026743

# Complementary

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



12365003



12307372

# 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.



9812902



12365003



12170130

# Square

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



12365003



13871518



10925977



8895175

# Rectangle

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



12365003



13805490



10925977



9223346



# Sweetspot

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



12365003



16380671



11320523



8157312



0



8421504



# Same Dimension

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



12365003



15323647



13348043



6380646



5636262



1310758



# Inverse Universe

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



13348027



16765415



11324332



6708321



10879056

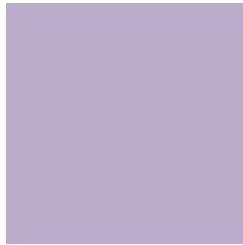


2490387



# Previews

## White Background



This preview shows how the Decimal color 12365003 looks on a white background.

## Color Contrast Check

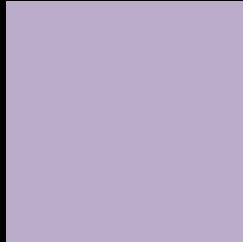
Large Text (above 18pt) WCAG AA × Fail

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 12365003 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

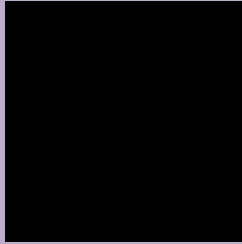
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12365003 Background



This preview shows how black text looks on a background with the Decimal color 12365003.



This preview shows how white text looks on a background with the Decimal color 12365003.

# 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**  
12365003

**Protanopia**  
11383246

**Deuteranopia**  
12103371



**Tritanopia**  
12234684

# Trichromacy



**Original Color**  
12365003

**Protanomaly**  
11710413

**Deuteranomaly**  
12168651

**Tritanomaly**  
12299969

# Monochromacy



**Original Color**  
12365003

**Achromatopsia**  
11842740

**Achromatomaly**  
12038588

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12365003 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 #BCACCB looks like.

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

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 #BCACCB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 12365003 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  
#BCACCB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 12365003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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