

# Converting Colors

Decimal(12058803)

Have a look what the booklet for  
Decimal(12058803) contains.

<b>Decimal(12058803)</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(12058803)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B800B3
RGB	184, 0, 179
RGB Percent	72%, 0%, 70%
CMY	0.2784, 1.0000, 0.2980
CMYK	0.00, 1.00, 0.03, 0.28
HSL	302°, 100%, 36%
HSV	302°, 100%, 72%
XYZ	27.9038, 13.4450, 43.7723
YIQ	75.4220, 52.2050, 94.6770

# Conversions

## Conversions Part 2

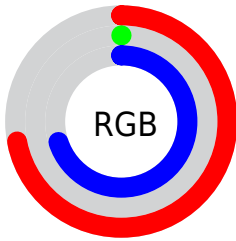
Format	Color
<b>RYB</b>	184, 0, 179
Decimal	12058803
CIELab	43.43, 76.16, -45.15
CIElCh	43, 88.540, 329.341
Yxy	13.4450, 0.3278, 0.1580
Android (android.graphics.Color)	4290248883 (0xFFB800B3)
YUV	75.4220, 51.0640, 95.2229
Hunter-Lab	36.6675, 71.6701, -45.1110

# Details

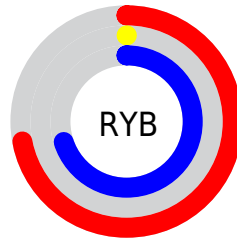
The Decimal color **12058803** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **47109**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **16013291**, and **8257661** is the 20% darker color. If you saturate the color by 10%, you get **12058803**, and if you desaturate by 10%, it is **12063411**.

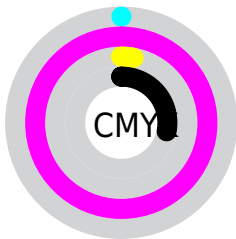
# Distribution



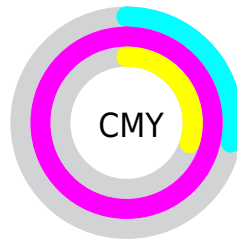
- Red (72%)
- Green (0%)
- Blue (70%)



- Red (72%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12058803 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 12058803 by changing the saturation by 10% instead.



 12058803

 12058803

16777215

 10158232

 16013291

 8257661

 16741887

 6422628

 16749567

 4587595

 16756991

 2752564

 16764671

 29

 16772351

 0

 12058803

 12063411

■ 12068276

■ 12072884

■ 12077749

■ 12082357

■ 12086966

■ 12091830

■ 12096439

■ 12101303

# Harmonies

## Analogous

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



4609001



12058803



14549100

# Triad

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



12058803



8348672



33710

# Complementary

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



12058803



47109

# 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.



33379



12058803



3241472

# Square

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



12058803



11943936



32263



32999

# Rectangle

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



12058803



14549052



32263



33686



# Sweetspot

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



12058803



15771886



196792



7884151



16250871



7895160



# Same Dimension

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



12058803



15728873



12058713



6050652



10223767



1835035



# Inverse Universe

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



12058803



15728873



47199



6050652



10223767



1835035



# Previews

## White Background



This preview shows how the Decimal color 12058803 looks on a white background.

## Color Contrast Check

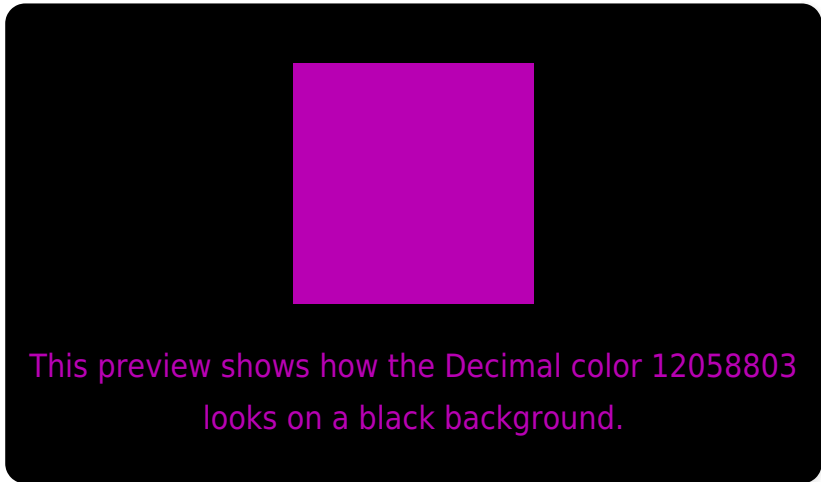
Large Text (above 18pt) WCAG AA ✓ Pass

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

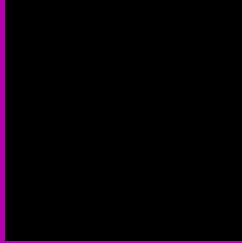
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12058803 Background



This preview shows how black text looks on a background with the Decimal color 12058803.



This preview shows how white text looks on a background with the Decimal color 12058803.

# 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**  
12058803



**Protanomaly**  
4407497



**Deuteranomaly**  
7226284



**Tritanomaly**  
11611505

# Monochromacy



**Original Color**  
12058803



**Achromatopsia**  
4934475



**Achromatomaly**  
7549041

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12058803 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 #B800B3 looks like.

```
.text, #text, p{  
    color:#B800B3  
}
```

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 #B800B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B800B3
}
```

## Border

The CSS property to change the border of an element to Decimal 12058803 is called "border". The border property can be set on classes, ids or directly on the HTML element.

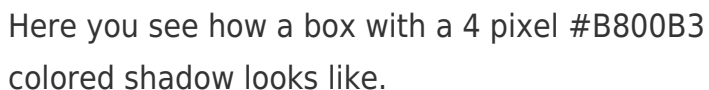
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B800B3 }
```

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

```
.border{ border-color:#B800B3 }
```

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



Here you see how a box with a 4 pixel #B800B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B800B3; -webkit-box-shadow:4px 4px  
4px 4px #B800B3; box-shadow:4px 4px 4px  
4px #B800B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 12058803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B800B3 }
```

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

```
.background{ background-color:#B800B3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor