

# Converting Colors

Decimal(12058764)

Have a look what the booklet for  
Decimal(12058764) contains.

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**Color**

**Decimal(12058764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8008C
RGB	184, 0, 140
RGB Percent	72%, 0%, 55%
CMY	0.2784, 1.0000, 0.4510
CMYK	0.00, 1.00, 0.24, 0.28
HSL	314°, 100%, 36%
HSV	314°, 100%, 72%
XYZ	24.5008, 12.0838, 25.8520
YIQ	70.9760, 64.7240, 82.5480

# Conversions

## Conversions Part 2

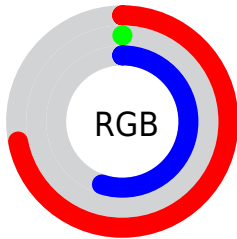
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 0, 140
Decimal	12058764
CIELab	41.35, 71.02, -24.97
CIELCh	41, 75.279, 340.631
Yxy	12.0838, 0.3924, 0.1935
Android (android.graphics.Color)	4290248844 (0xFFB8008C)
YUV	70.9760, 34.0288, 99.1220
Hunter-Lab	34.7618, 64.9773, -19.7602

# Details

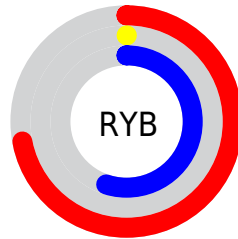
The Decimal color **12058764** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **47148**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **16012738**, and **8257626** is the 20% darker color. If you saturate the color by 10%, you get **12058764**, and if you desaturate by 10%, it is **12063376**.

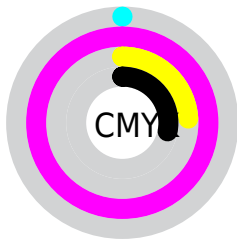
# Distribution



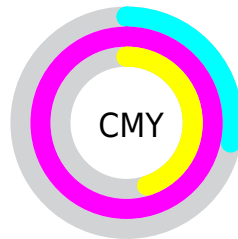
- Red (72%)
- Green (0%)
- Blue (55%)



- Red (72%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12058764 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 12058764 by changing the saturation by 10% instead.



 12058764

 12058764

16777215

 10158194

 16012738

 8257626

 16741342

 6357058

 16748795

 4653100

 16756223

 2752534

 16763903

 0

 16771327

 12058764

 12063376

■ 12068245

■ 12072857

■ 12077726

■ 12082338

■ 12086950

■ 12091819

■ 12096431

■ 12101300

# Harmonies

## Analogous

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



8078273



12058764



13238351

# Triad

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



12058764



6579712



31410

# Complementary

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



12058764



47148

# 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.



31607



12058764



291328

# Square

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



12058764



9916160



30773



29912

# Rectangle

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



12058764



12783143



30773



31648



# Sweetspot

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



12058764



15771871



2818232



7884142



16250871



7895160



# Same Dimension

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



12058764



15728822



12058673



6050650



10223734



1835029



# Inverse Universe

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



12058764



15728822



47239



6050650



10223734



1835029



# Previews

## White Background



This preview shows how the Decimal color 12058764 looks on a white background.

## Color Contrast Check

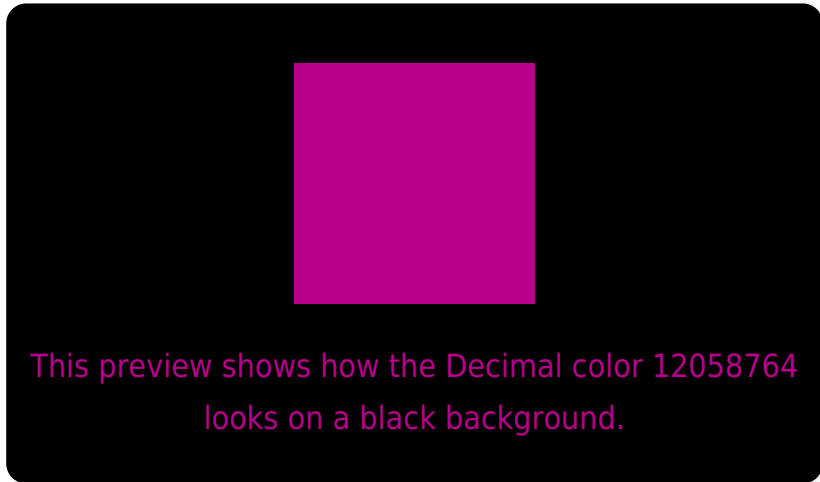
Large Text (above 18pt) WCAG AA ✓ Pass

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

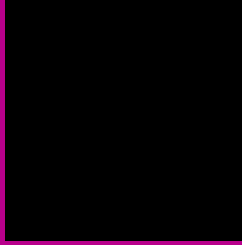
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 12058764 Background



This preview shows how black text looks on a background with the Decimal color 12058764.



This preview shows how white text looks on a background with the Decimal color 12058764.

# 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**

12058764



**Protanomaly**

5783218



**Deuteranomaly**

8273542



**Tritanomaly**

11805528

# Monochromacy



**Original Color**

12058764



**Achromatopsia**

4671303



**Achromatomaly**

7351648

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12058764 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 #B8008C looks like.

```
.text, #text, p{  
    color:#B8008C  
}
```

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 #B8008C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8008C
}
```

## Border

The CSS property to change the border of an element to Decimal 12058764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

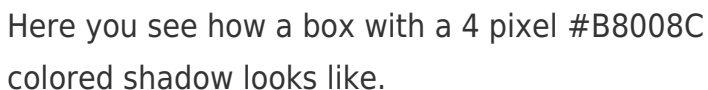
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8008C }
```

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

```
.border{ border-color:#B8008C }
```

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



Here you see how a box with a 4 pixel #B8008C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8008C; -webkit-box-shadow:4px 4px  
4px 4px #B8008C; box-shadow:4px 4px 4px  
4px #B8008C }
```

# Background

The CSS property to change the background color of an element to Decimal 12058764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8008C }
```

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

```
.background{ background-color:#B8008C }
```

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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