

# Converting Colors

Decimal(13058234)

Have a look what the booklet for  
Decimal(13058234) contains.

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# Color

**Decimal(13058234)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C740BA
RGB	199, 64, 186
RGB Percent	78%, 25%, 73%
CMY	0.2196, 0.7490, 0.2706
CMYK	0.00, 0.68, 0.07, 0.22
HSL	306°, 55%, 52%
HSV	306°, 68%, 78%
XYZ	34.2495, 19.3541, 48.3849
YIQ	118.2730, 41.2980, 66.5620

# Conversions

## Conversions Part 2

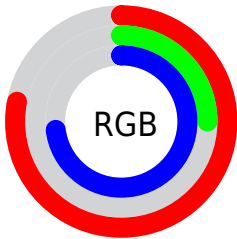
Format	Color
<a href="#">RYB</a>	199, 64, 186
Decimal	13058234
CIELab	51.10, 66.58, -36.93
CIELCh	51, 76.140, 330.983
Yxy	19.3541, 0.3358, 0.1898
Android (android.graphics.Color)	4291248314 (0xFFC740BA)
YUV	118.2730, 33.3894, 70.7976
Hunter-Lab	43.9933, 61.9771, -34.4134

# Details

The Decimal color **13058234** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted rose. A complement of this color would be **4245325**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **16743155**, and **9240708** is the 20% darker color. If you saturate the color by 10%, you get **13053112**, and if you desaturate by 10%, it is **13063356**.

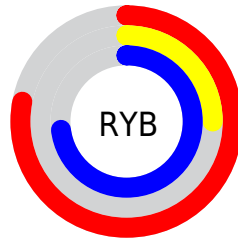
# Distribution



Red (78%)

Green (25%)

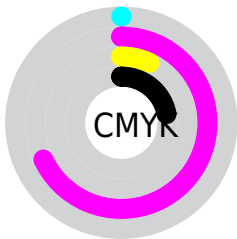
Blue (73%)



Red (78%)

Yellow (25%)

Blue (73%)

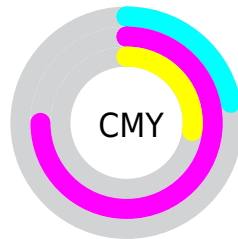


Cyan (0%)

Magenta (68%)

Yellow (7%)

Black (22%)



Cyan (22%)

Magenta (75%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13058234 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 13058234 by changing the saturation by 10% instead.



 13058234

 13058234

16777215

 11148703

 16743155

 9240708

 16750591

 7405675

 16757759

 5636178

 16765183

 3997755

 16772863

 2097188

 11

 0

 13058234

 13058234

■ 13053112

■ 13063356

■ 13047990

■ 13068478

■ 13042868

■ 13073600

■ 13041844

■ 13078722

■ 13083844

■ 13088709

■ 13093831

■ 13098953

■ 13104075

# Harmonies

## Analogous

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



7628779



13058234



15146363

# Triad

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



13058234



9598976



38331

# Complementary

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



13058234



4245325

# 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.



38266



13058234



5212416

# Square

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



13058234



12868608



37173



37100

# Rectangle

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



13058234



15214928



37173



38567



# Sweetspot

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



13058234



16764154



4931783



8413565



0



8421504



# Same Dimension

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



13058234



16724203



13058168



6511202



10682515



2359328



# Inverse Universe

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



13058234



16724203



4245391



6511202



10682515



2359328



# Previews

## White Background



This preview shows how the Decimal color 13058234 looks on a white background.

## Color Contrast Check

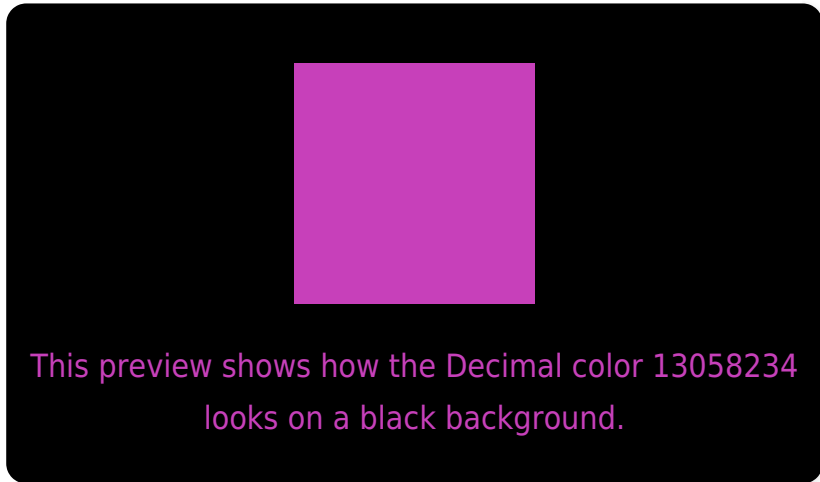
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

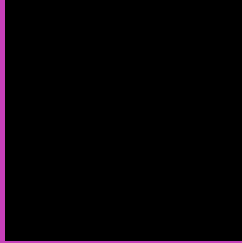
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13058234 Background



This preview shows how black text looks on a background with the Decimal color 13058234.



This preview shows how white text looks on a background with the Decimal color 13058234.

# 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**

13058234



**Protanomaly**

7103193



**Deuteranomaly**

8938676



**Tritanomaly**

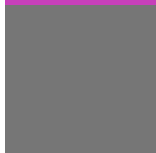
12669314

# Monochromacy



**Original Color**

13058234



**Achromatopsia**

7763574



**Achromatomaly**

9659023

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13058234 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 #C740BA looks like.

```
.text, #text, p{  
  color:#C740BA  
}
```

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 #C740BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C740BA
}
```

## Border

The CSS property to change the border of an element to Decimal 13058234 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
#C740BA }
```

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

```
.border{ border-color:#C740BA }
```

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

Here you see how a box with a 4 pixel #C740BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C740BA; -webkit-box-shadow:4px 4px  
4px 4px #C740BA; box-shadow:4px 4px 4px  
4px #C740BA }
```

# Background

The CSS property to change the background color of an element to Decimal 13058234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C740BA }
```

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

```
.background{ background-color:#C740BA }
```

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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