

# Converting Colors

Decimal(13013959)

Have a look what the booklet for  
Decimal(13013959) contains.

<b>Decimal(13013959)</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(13013959)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C693C7
RGB	198, 147, 199
RGB Percent	78%, 58%, 78%
CMY	0.2235, 0.4235, 0.2196
CMYK	0.01, 0.26, 0.00, 0.22
HSL	299°, 32%, 68%
HSV	299°, 26%, 78%
XYZ	44.0312, 36.9967, 58.8532
YIQ	168.1770, 13.7040, 26.9840

# Conversions

## Conversions Part 2

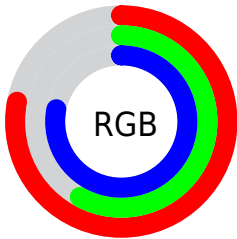
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 147, 199
Decimal	13013959
CIE <sub>Lab</sub>	67.27, 27.94, -19.34
CIE <sub>LCh</sub>	67, 33.980, 325.308
Yxy	36.9967, 0.3148, 0.2645
Android (android.graphics.Color)	4291204039 (0xFFC693C7)
YUV	168.1770, 15.1957, 26.1548
Hunter-Lab	60.8249, 22.7727, -14.7906

# Details

The Decimal color **13013959** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9750419**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **16763391**, and **9396369** is the 20% darker color. If you saturate the color by 10%, you get **13008839**, and if you desaturate by 10%, it is **13019079**.

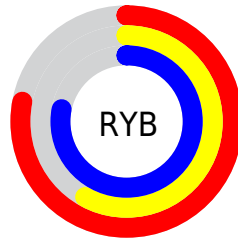
# Distribution



Red (78%)

Green (58%)

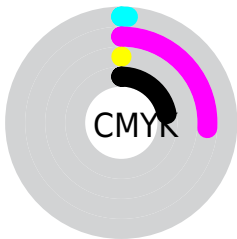
Blue (78%)



Red (78%)

Yellow (58%)

Blue (78%)

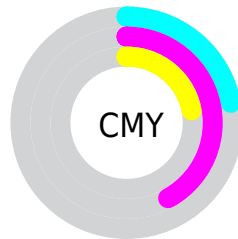


Cyan (1%)

Magenta (26%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (42%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13013959 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 13013959 by changing the saturation by 10% instead.



 13013959

 13013959

16777215

 11172268

 16763391

 9396369

 16770815

 7686007

 6041694

 4462919

 2884144

 1376283

 0

 13013959

 13013959

 13008839

 13019079

 12938183

 13089735


 12933063

 13094855


 12862407

 13165511

 12857543

 13170631

 12852423

 13172679

 12781767

 13238215

 12779719

# Harmonies

## Analogous

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



10591963



13013959



14388650

# Triad

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



13013959



12427367



3454141

# Complementary

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



13013959



9750419

# 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.



5551262



13013959



10398316

# Square

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



13013959



13932147



8040832



4370645

# Rectangle

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



13013959



14716309



8040832



3978419



# Sweetspot

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



13013959



16772095



9672135



8352640



0



8421504



# Same Dimension

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



13013959



16625919



13079471



6511203



10485923



2293796



# Inverse Universe

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



13079444



16756913



9684907



6511194



10682371



2359297



# Previews

## White Background



This preview shows how the Decimal color 13013959 looks on a white background.

## Color Contrast Check

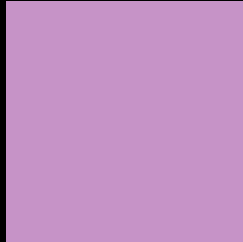
Large Text (above 18pt) WCAG AA × Fail

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 13013959 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

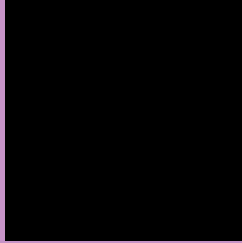
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13013959 Background



This preview shows how black text looks on a background with the Decimal color 13013959.

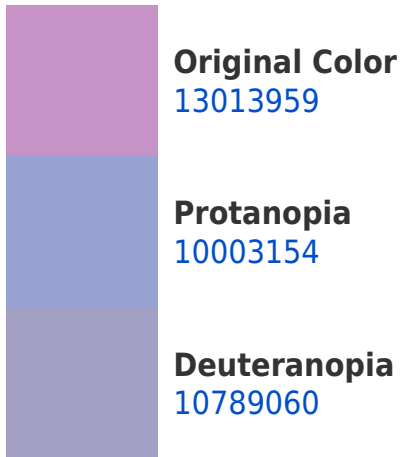


This preview shows how white text looks on a background with the Decimal color 13013959.

# 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





**Tritanopia**  
12687781

# Trichromacy



**Original Color**  
13013959

**Protanomaly**  
11115982

**Deuteranomaly**  
11574213

**Tritanomaly**  
12818353

# Monochromacy



**Original Color**  
13013959

**Achromatopsia**  
11053224

**Achromatomaly**  
11772083

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13013959 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 #C693C7 looks like.

```
.text, #text, p{  
    color:#C693C7  
}
```

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 #C693C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C693C7
}
```

## Border

The CSS property to change the border of an element to Decimal 13013959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

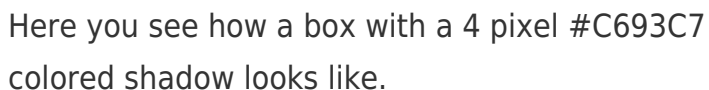
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C693C7 }
```

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

```
.border{ border-color:#C693C7 }
```

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



Here you see how a box with a 4 pixel `#C693C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C693C7; -webkit-box-shadow:4px 4px  
4px 4px #C693C7; box-shadow:4px 4px 4px  
4px #C693C7 }
```

# Background

The CSS property to change the background color of an element to Decimal 13013959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C693C7 }
```

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

```
.background{ background-color:#C693C7 }
```

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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