

# Converting Colors

Decimal(13398480)

Have a look what the booklet for  
Decimal(13398480) contains.

<b>Decimal(13398480)</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(13398480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC71D0
RGB	204, 113, 208
RGB Percent	80%, 44%, 82%
CMY	0.2000, 0.5569, 0.1843
CMYK	0.02, 0.46, 0.00, 0.18
HSL	297°, 50%, 63%
HSV	297°, 46%, 82%
XYZ	42.1921, 29.2017, 63.0872
YIQ	151.0390, 23.7410, 48.8370

# Conversions

## Conversions Part 2

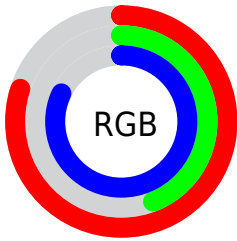
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 113, 208
Decimal	13398480
CIE <sub>Lab</sub>	60.96, 49.70, -34.05
CIE <sub>LCh</sub>	61, 60.240, 325.586
Yxy	29.2017, 0.3137, 0.2171
Android (android.graphics.Color)	4291588560 (0xFFCC71D0)
YUV	151.0390, 28.0818, 46.4468
Hunter-Lab	54.0386, 44.8013, -31.3910

# Details

The Decimal color **13398480** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7721073**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16754687**, and **9714841** is the 20% darker color. If you saturate the color by 10%, you get **13327568**, and if you desaturate by 10%, it is **13469392**.

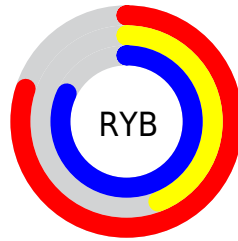
# Distribution



Red (80%)

Green (44%)

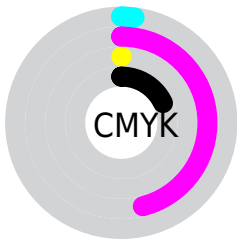
Blue (82%)



Red (80%)

Yellow (44%)

Blue (82%)

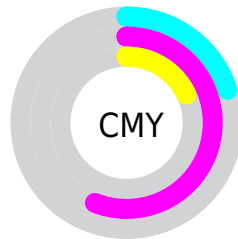


Cyan (2%)

Magenta (46%)

Yellow (0%)

Black (18%)



Cyan (20%)

Magenta (56%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13398480 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 13398480 by changing the saturation by 10% instead.



 13398480

 13398480

16777215

 11556788

 16754687

 9714841

 16761855

 7938431

 16769279

 6160486

 16776703

 4456525

 3014710

 393248

 3

 0

 13398480


 13398480

 13327568


 13469392

 13256656

 13540304

 13186000

 13610960

 13115088

 13681872

 13109712

 13687248

 13041872

 13758160

 13828048

 13893584

 13959120

# Harmonies

## Analogous

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



8751348



13398480



15622557

# Triad

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



13398480



11898396



44224

# Complementary

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



13398480



7721073

# 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.



44169



13398480



8560169

# Square

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



13398480



14448955



3647316



42986

# Rectangle

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



13398480



16015738



3647316



44462



# Sweetspot

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



13398480



16636927



7435984



8350336



0



8421504



# Same Dimension

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



13398480



16348159



13660581



6839913



10551464



2555945



# Inverse Universe

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



13660533



16741241



7458972



6905439



11010055

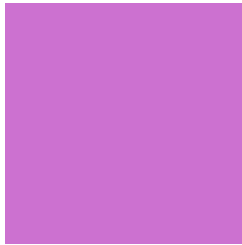


2686978



# Previews

## White Background



This preview shows how the Decimal color 13398480 looks on a white background.

## Color Contrast Check

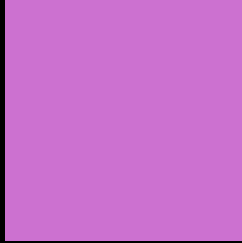
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 13398480 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

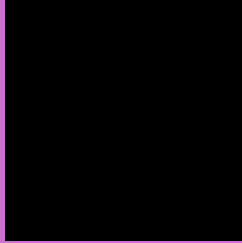
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13398480 Background



This preview shows how black text looks on a background with the Decimal color 13398480.



This preview shows how white text looks on a background with the Decimal color 13398480.

# 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**  
12812683

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13398480 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 #CC71D0 looks like.

```
.text, #text, p{  
    color:#CC71D0  
}
```

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 #CC71D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC71D0
}
```

## Border

The CSS property to change the border of an element to Decimal 13398480 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
#CC71D0 }
```

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

```
.border{ border-color:#CC71D0 }
```

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

Here you see how a box with a 4 pixel #CC71D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC71D0; -webkit-box-shadow:4px 4px  
4px 4px #CC71D0; box-shadow:4px 4px 4px  
4px #CC71D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 13398480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC71D0 }
```

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

```
.background{ background-color:#CC71D0 }
```

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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