

# Converting Colors

Decimal(13388983)

Have a look what the booklet for  
Decimal(13388983) contains.

<b>Decimal(13388983)</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(13388983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC4CB7
RGB	204, 76, 183
RGB Percent	80%, 30%, 72%
CMY	0.2000, 0.7020, 0.2824
CMYK	0.00, 0.63, 0.10, 0.20
HSL	310°, 56%, 55%
HSV	310°, 63%, 80%
XYZ	36.0335, 21.4251, 47.0360
YIQ	126.4700, 41.9410, 60.4130

# Conversions

## Conversions Part 2

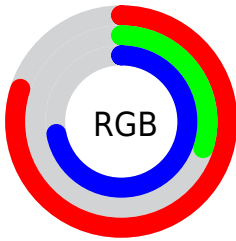
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 76, 183</a>
Decimal	<a href="#">13388983</a>
CIELab	<a href="#">53.41, 62.69, -31.51</a>
CIELCh	<a href="#">53, 70.163, 333.311</a>
Yxy	<a href="#">21.4251, 0.3448, 0.2050</a>
Android (android.graphics.Color)	<a href="#">4291579063 (0xFFCC4CB7)</a>
YUV	<a href="#">126.4700, 27.8693, 67.9938</a>
Hunter-Lab	<a href="#">46.2873, 57.9550, -27.8479</a>

# Details

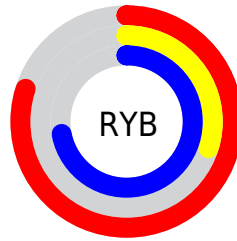
The Decimal color **13388983** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **5033057**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **16745711**, and **9568386** is the 20% darker color. If you saturate the color by 10%, you get **13383860**, and if you desaturate by 10%, it is **13394106**.

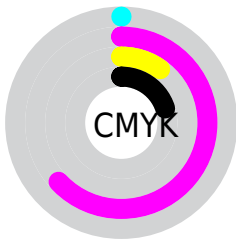
# Distribution



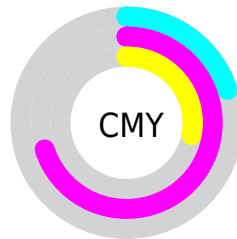
- Red (80%)
- Green (30%)
- Blue (72%)



- Red (80%)
- Yellow (30%)
- Blue (72%)



- Cyan (0%)
- Magenta (63%)
- Yellow (10%)
- Black (20%)



- Cyan (20%)
- Magenta (70%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13388983 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 13388983 by changing the saturation by 10% instead.



 13388983

 13388983

16777215

 11480732

 16745711

 9568386

 16753151

 7798888

 16760319

 5963856

 16767743

 4259896

 16775423

 2490402

 7

 0

 13388983

 13388983

13383860

13394106

13378480

13399486

13373357

13404609

13369515

13409988

13415112

13420235

13425614

13430738

13434837

# Harmonies

## Analogous

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



8744166



13388983



15218812

# Triad

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



13388983



9731840



39617

# Complementary

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



13388983



5033057

# 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.



39557



13388983



5607168

# Square

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



13388983



12871424



38726



38124

# Rectangle

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



13388983



15155540



38726



39598



# Sweetspot

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



13388983



16764919



6245580



8413819



0



8421504



# Same Dimension

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



13388983



16728288



13388921



6708324



10879115



2490400



# Inverse Universe

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



13388983



16728288



5033119



6708324



10879115



2490400



# Previews

## White Background



This preview shows how the Decimal color 13388983 looks on a white background.

## Color Contrast Check

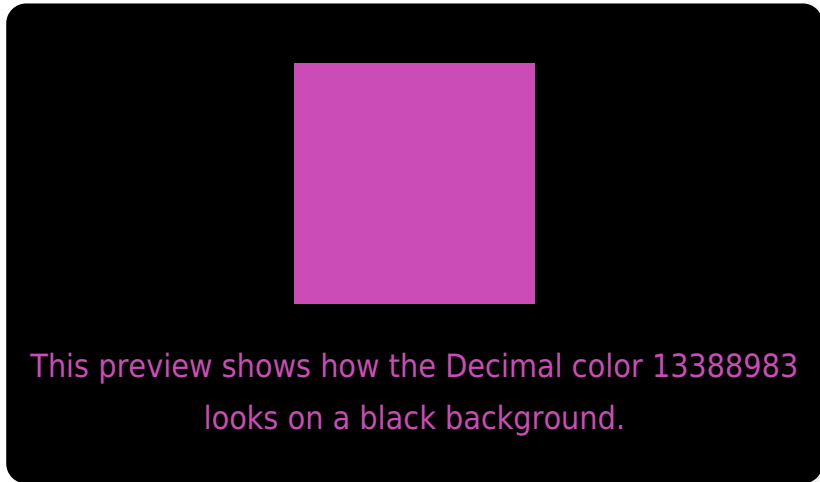
Large Text (above 18pt) WCAG AA ✓ Pass

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 13388983 Background



This preview shows how black text looks on a background with the Decimal color 13388983.



This preview shows how white text looks on a background with the Decimal color 13388983.

# 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**  
12870248

# Trichromacy



**Original Color**  
13388983



**Protanomaly**  
8350673



**Deuteranomaly**  
9661618



**Tritanomaly**  
13064837

# Monochromacy



**Original Color**  
13388983



**Achromatopsia**  
8289918



**Achromatomaly**  
10120339

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13388983 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 #CC4CB7 looks like.

```
.text, #text, p{  
  color:#CC4CB7  
}
```

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 #CC4CB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC4CB7
}
```

## Border

The CSS property to change the border of an element to Decimal 13388983 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
#CC4CB7 }
```

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

```
.border{ border-color:#CC4CB7 }
```

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

Here you see how a box with a 4 pixel #CC4CB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC4CB7; -webkit-box-shadow:4px 4px  
4px 4px #CC4CB7; box-shadow:4px 4px 4px  
4px #CC4CB7 }
```

# Background

The CSS property to change the background color of an element to Decimal 13388983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC4CB7 }
```

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

```
.background{ background-color:#CC4CB7 }
```

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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