

# Converting Colors

Decimal(13390233)

Have a look what the booklet for  
Decimal(13390233) contains.

<b>Decimal(13390233)</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(13390233)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC5199
RGB	204, 81, 153
RGB Percent	80%, 32%, 60%
CMY	0.2000, 0.6824, 0.4000
CMYK	0.00, 0.60, 0.25, 0.20
HSL	325°, 55%, 56%
HSV	325°, 60%, 80%
XYZ	33.5940, 21.0221, 32.4241
YIQ	125.9850, 50.1960, 48.4680

# Conversions

## Conversions Part 2

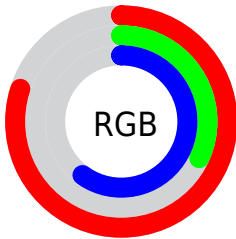
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 81, 153
Decimal	13390233
CIE <sub>Lab</sub>	52.97, 56.22, -14.64
CIE <sub>LCh</sub>	53, 58.091, 345.407
Yxy	21.0221, 0.3860, 0.2415
Android (android.graphics.Color)	4291580313 (0xFFCC5199)
YUV	125.9850, 13.3184, 68.4192
Hunter-Lab	45.8499, 50.5489, -9.8337

# Details

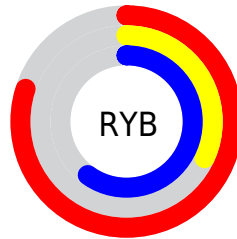
The Decimal color **13390233** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5360772**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **16746703**, and **9572966** is the 20% darker color. If you saturate the color by 10%, you get **13385105**, and if you desaturate by 10%, it is **13395361**.

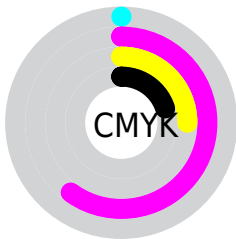
# Distribution



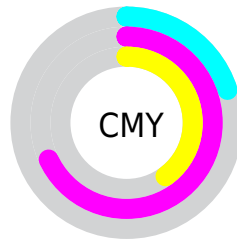
- Red (80%)
- Green (32%)
- Blue (60%)



- Red (80%)
- Yellow (32%)
- Blue (60%)



- Cyan (0%)
- Magenta (60%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (68%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13390233 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 13390233 by changing the saturation by 10% instead.



 13390233

 13390233

16777215

 11482495

 16746703

 9572966

 16753900

 7733326

 16761343

 5963831

 16768511

 4259874

 16776191

 2490375

 0

 13390233

 13390233

 13385105

 13395361

 13379720

 13400746

 13374592

 13405874

 13369463

 13411259

 13416387

 13421516

 13426900

 13432029

 13434853

# Harmonies

## Analogous

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



10577349



13390233



14175847

# Triad

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



13390233



8356872



37829

# Complementary

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



13390233



5360772

# 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.



38552



13390233



4493107

# Square

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



13390233



11236113



37988



35807

# Rectangle

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



13390233



13784903



37988



38327



# Sweetspot

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



13390233



16765420



8540620



8414068



0



8421504



# Same Dimension

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



13390233



16730035



13390173



6708322



10879073



2490390



# Inverse Universe

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



13390233



16730035



5360832



6708322



10879073



2490390



# Previews

## White Background



This preview shows how the Decimal color 13390233 looks on a white background.

## Color Contrast Check

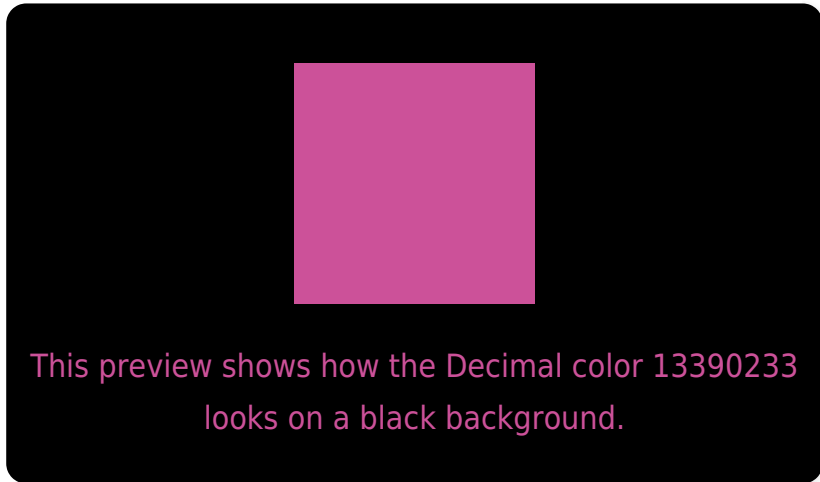
Large Text (above 18pt) WCAG AA ✓ Pass

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 13390233 Background



This preview shows how black text looks on a background with the Decimal color 13390233.

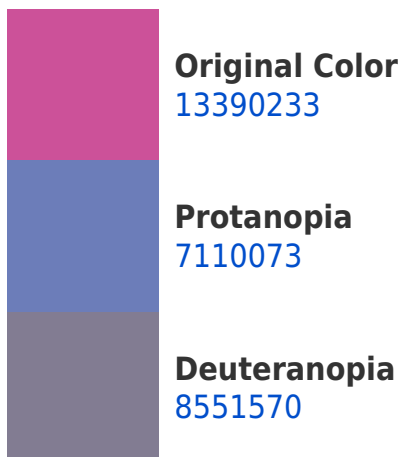


This preview shows how white text looks on a background with the Decimal color 13390233.

# 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](#).

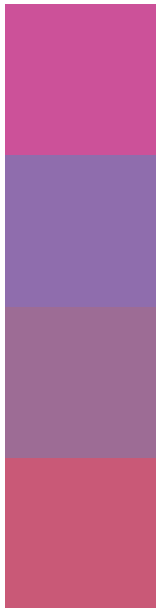
## Dichromacy





**Tritanopia**  
13065572

# Trichromacy



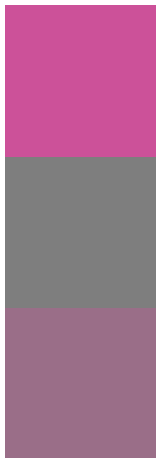
**Original Color**  
13390233

**Protanomaly**  
9399725

**Deuteranomaly**  
10316949

**Tritanomaly**  
13195639

# Monochromacy



**Original Color**  
13390233

**Achromatopsia**  
8289918

**Achromatomaly**  
10120840

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13390233 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 #CC5199 looks like.

```
.text, #text, p{  
    color:#CC5199  
}
```

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 #CC5199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC5199
}
```

## Border

The CSS property to change the border of an element to Decimal 13390233 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
#CC5199 }
```

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

```
.border{ border-color:#CC5199 }
```

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

Here you see how a box with a 4 pixel #CC5199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC5199; -webkit-box-shadow:4px 4px  
4px 4px #CC5199; box-shadow:4px 4px 4px  
4px #CC5199 }
```

# Background

The CSS property to change the background color of an element to Decimal 13390233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC5199 }
```

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

```
.background{ background-color:#CC5199 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor