

# Converting Colors

Decimal(13390199)

Have a look what the booklet for  
Decimal(13390199) contains.

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# Color

**Decimal(13390199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC5177
RGB	204, 81, 119
RGB Percent	80%, 32%, 47%
CMY	0.2000, 0.6824, 0.5333
CMYK	0.00, 0.60, 0.42, 0.20
HSL	341°, 55%, 56%
HSV	341°, 60%, 80%
XYZ	31.1740, 20.0541, 19.6805
YIQ	122.1090, 61.1100, 37.8940

# Conversions

## Conversions Part 2

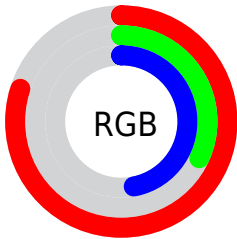
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 81, 119
Decimal	13390199
CIE <sub>Lab</sub>	51.90, 52.15, 3.99
CIE <sub>LCh</sub>	52, 52.303, 4.370
Yxy	20.0541, 0.4396, 0.2828
Android (android.graphics.Color)	4291580279 (0xFFCC5177)
YUV	122.1090, -1.5327, 71.8184
Hunter-Lab	44.7818, 45.8912, 5.2908

# Details

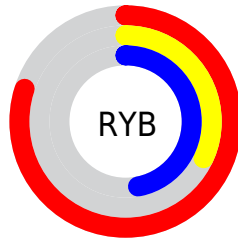
The Decimal color **13390199** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **5360806**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **16746667**, and **9508167** is the 20% darker color. If you saturate the color by 10%, you get **13385065**, and if you desaturate by 10%, it is **13395333**.

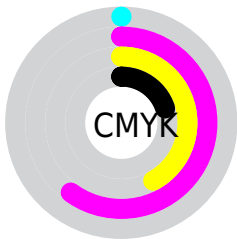
# Distribution



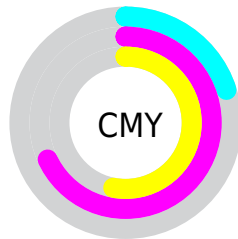
- Red (80%)
- Green (32%)
- Blue (47%)



- Red (80%)
- Yellow (32%)
- Blue (47%)



- Cyan (0%)
- Magenta (60%)
- Yellow (42%)
- Black (20%)




















- Cyan (20%)
- Magenta (68%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13390199 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 13390199 by changing the saturation by 10% instead.



 13390199	 13390199
16777215	 11416926
 16746667	 9508167
 16753606	 7667761
 16761058	 5832732
 16768255	 4128770
 16775935	 2031617
	 0
 13390199	 13390199
 13385065	 13395333

 13379675

 13400723

 13374541

 13405857

 13369407

 13411247

 13416381

 13421516

 13426906

 13432040

 13434870

# Harmonies

## Analogous

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



12016291



13390199



13130060

# Triad

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



13390199



6260524



35532

# Complementary

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



13390199



5360806

# 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.



37037



13390199



36435

# Square

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



13390199



9272343



37249



1212373

# Rectangle

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



13390199



12281139



37249



36292



# Sweetspot

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



13390199



16765407



10834380



8414060



0



8421504



# Same Dimension

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



13390199



16729984



13396049



6708319



10879027



2490380



# Inverse Universe

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



13390199



16729984



5354956



6708319



10879027



2490380



# Previews

## White Background



This preview shows how the Decimal color 13390199 looks on a white background.

## Color Contrast Check

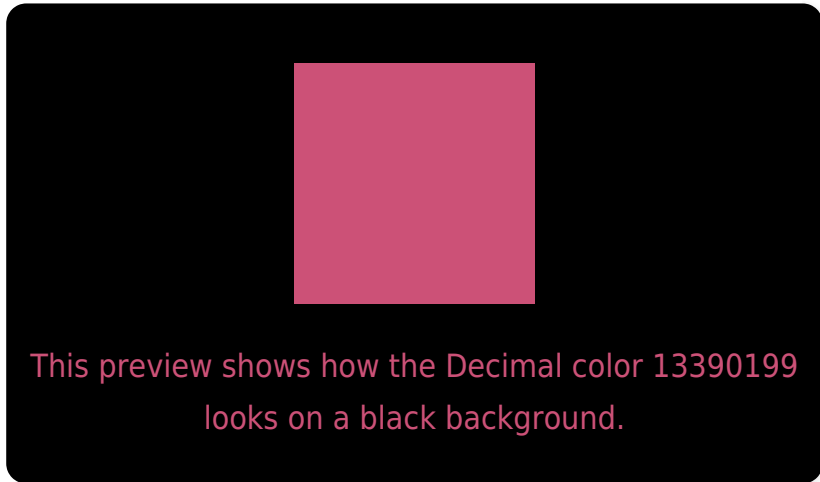
Large Text (above 18pt) WCAG AA ✓ Pass

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

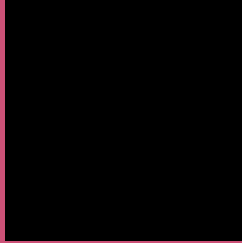
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13390199 Background



This preview shows how black text looks on a background with the Decimal color 13390199.

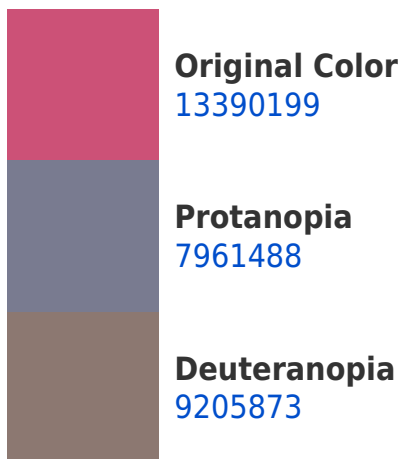



This preview shows how white text looks on a background with the Decimal color 13390199.

# 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**  
13260380

# Trichromacy



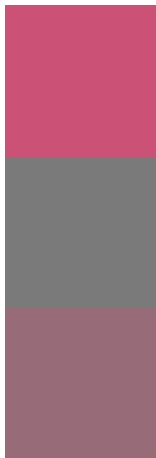
**Original Color**  
13390199

**Protanomaly**  
9923719

**Deuteranomaly**  
10709619

**Tritanomaly**  
13325414

# Monochromacy



**Original Color**  
13390199

**Achromatopsia**  
8026746

**Achromatomaly**  
9988985

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13390199 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 #CC5177 looks like.

```
.text, #text, p{  
  color:#CC5177  
}
```

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 #CC5177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC5177
}
```

## Border

The CSS property to change the border of an element to Decimal 13390199 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
#CC5177 }
```

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

```
.border{ border-color:#CC5177 }
```

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

Here you see how a box with a 4 pixel #CC5177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC5177; -webkit-box-shadow:4px 4px  
4px 4px #CC5177; box-shadow:4px 4px 4px  
4px #CC5177 }
```

# Background

The CSS property to change the background color of an element to Decimal 13390199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC5177 }
```

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

```
.background{ background-color:#CC5177 }
```

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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