

# Converting Colors

Decimal(13055185)

Have a look what the booklet for  
Decimal(13055185) contains.

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# Color

**Decimal(13055185)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C734D1
RGB	199, 52, 209
RGB Percent	78%, 20%, 82%
CMY	0.2196, 0.7961, 0.1804
CMYK	0.05, 0.75, 0.00, 0.18
HSL	296°, 63%, 51%
HSV	296°, 75%, 82%
XYZ	36.2898, 19.2015, 62.1152
YIQ	113.8510, 37.2150, 79.9910

# Conversions

## Conversions Part 2

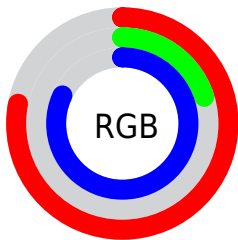
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 52, 209
Decimal	13055185
CIE <sub>Lab</sub>	50.92, 74.27, -50.49
CIE <sub>LCh</sub>	51, 89.810, 325.793
Yxy	19.2015, 0.3086, 0.1633
Android (android.graphics.Color)	4291245265 (0xFFC734D1)
YUV	113.8510, 46.9085, 74.6757
Hunter-Lab	43.8196, 71.1431, -53.3712

# Details

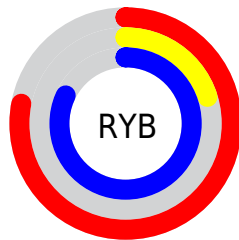
The Decimal color **13055185** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4116788**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **16741119**, and **9240730** is the 20% darker color. If you saturate the color by 10%, you get **12984273**, and if you desaturate by 10%, it is **13126097**.

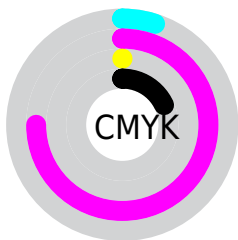
# Distribution



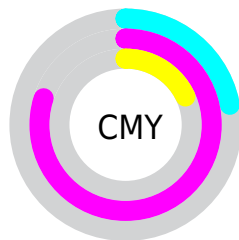
- Red (78%)
- Green (20%)
- Blue (82%)



- Red (78%)
- Yellow (20%)
- Blue (82%)



- Cyan (5%)
- Magenta (75%)
- Yellow (0%)
- Black (18%)



















- Cyan (22%)
- Magenta (80%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13055185 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 13055185 by changing the saturation by 10% instead.



 13055185	 13055185
16777215	 11141301
 16741119	 9240730
 16748543	 7340159
 16755967	 5505125
 16763391	 3801165
 16771071	 1835061
	 542
	 1
	 0

■ 13055185

■ 13055185

■ 12984273

■ 13126097

■ 12847825

■ 13262545

■ 12845265

■ 13333457

■ 13404369

■ 13540561

■ 13611473

■ 13682385

■ 13818833

■ 13889745

# Harmonies

## Analogous

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



4483839



13055185



16056456

# Triad

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



13055185



10318592



39099

# Complementary

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



13055185



4116788

# 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.



38764



13055185



5408768

# Square

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



13055185



13913344



37390



38393

# Rectangle

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



13055185



16384085



37390



39073



# Sweetspot

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



13055185



16499967



3423953



8215680



0



8421504



# Same Dimension

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



13055185



15735295



13710477



6839913



10354856



2490409



# Inverse Universe

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



13710398



16718120



3461496



6905439



11010059



2686979



# Previews

## White Background



This preview shows how the Decimal color 13055185 looks on a white background.

## Color Contrast Check

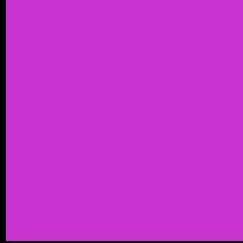
Large Text (above 18pt) WCAG AA ✓ Pass

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 13055185 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 13055185 Background



This preview shows how black text looks on a background with the Decimal color 13055185.




This preview shows how white text looks on a background with the Decimal color 13055185.

# 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**  
12213603

# Trichromacy



**Original Color**  
13055185



**Protanomaly**  
4742634



**Deuteranomaly**  
7889354



**Tritanomaly**  
12537483

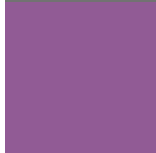
# Monochromacy



**Original Color**  
13055185



**Achromatopsia**  
7500402



**Achromatomaly**  
9526165

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13055185 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 #C734D1 looks like.

```
.text, #text, p{  
  color:#C734D1  
}
```

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 #C734D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C734D1
}
```

## Border

The CSS property to change the border of an element to Decimal 13055185 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
#C734D1 }
```

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

```
.border{ border-color:#C734D1 }
```

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

Here you see how a box with a 4 pixel #C734D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C734D1; -webkit-box-shadow:4px 4px  
4px 4px #C734D1; box-shadow:4px 4px 4px  
4px #C734D1 }
```

# Background

The CSS property to change the background color of an element to Decimal 13055185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C734D1 }
```

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

```
.background{ background-color:#C734D1 }
```

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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