

# Converting Colors

Decimal(13697259)

Have a look what the booklet for  
Decimal(13697259) contains.

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**Color**

**Decimal(13697259)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D100EB
RGB	209, 0, 235
RGB Percent	82%, 0%, 92%
CMY	0.1804, 1.0000, 0.0784
CMYK	0.11, 1.00, 0.00, 0.08
HSL	293°, 100%, 46%
HSV	293°, 100%, 92%
XYZ	41.2899, 19.5535, 80.1952
YIQ	89.2810, 49.1290, 117.3930

# Conversions

## Conversions Part 2

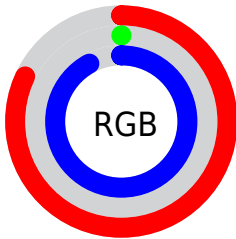
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 0, 235</a>
Decimal	<a href="#">13697259</a>
CIELab	<a href="#">51.33, 88.47, -64.53</a>
CIELCh	<a href="#">51, 109.506, 323.892</a>
Yxy	<a href="#">19.5535, 0.2928, 0.1386</a>
Android (android.graphics.Color)	<a href="#">4291887339 (0xFFD100EB)</a>
YUV	<a href="#">89.2810, 71.8395, 104.9936</a>
Hunter-Lab	<a href="#">44.2193, 89.2911, -76.5736</a>

# Details

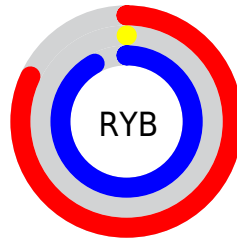
The Decimal color **13697259** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **1764096**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **16736511**, and **9765042** is the 20% darker color. If you saturate the color by 10%, you get **13697259**, and if you desaturate by 10%, it is **13899755**.

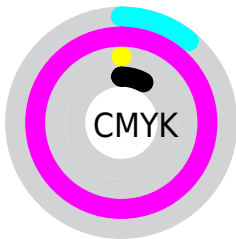
# Distribution



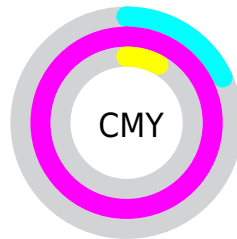
- Red (82%)
- Green (0%)
- Blue (92%)



- Red (82%)
- Yellow (0%)
- Blue (92%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)




















- Cyan (18%)
- Magenta (100%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13697259 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 13697259 by changing the saturation by 10% instead.



 13697259	 13697259
16777215	 11731150
 16736511	 9765042
 16744447	 7798935
 16752383	 5898364
 16760063	 4063330
 16767743	 1835081
 16775679	 49
	 283
	 0

■ 13697259

■ 13899755

■ 14036971

■ 14239723

■ 14376683

■ 14579435

■ 14781931

■ 14918891

■ 15121643

■ 15258603

# Harmonies

## Analogous

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



27647



13697259



16711826

# Triad

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



13697259



10842368



40389

# Complementary

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



13697259



1764096

# 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.



39780



13697259



4754176

# Square

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



13697259



15152896



38400



40191

# Rectangle

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



13697259



16711765



38400



40357



# Sweetspot

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



13697259



16233471



7147



8016512



0



8421504



# Same Dimension

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



13697259



14876927



15401105



7629429



10551477



3145782



# Inverse Universe

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



15400986



16711708



60250



7694955



11862036



3538950



# Previews

## White Background



This preview shows how the Decimal color 13697259 looks on a white background.

## Color Contrast Check

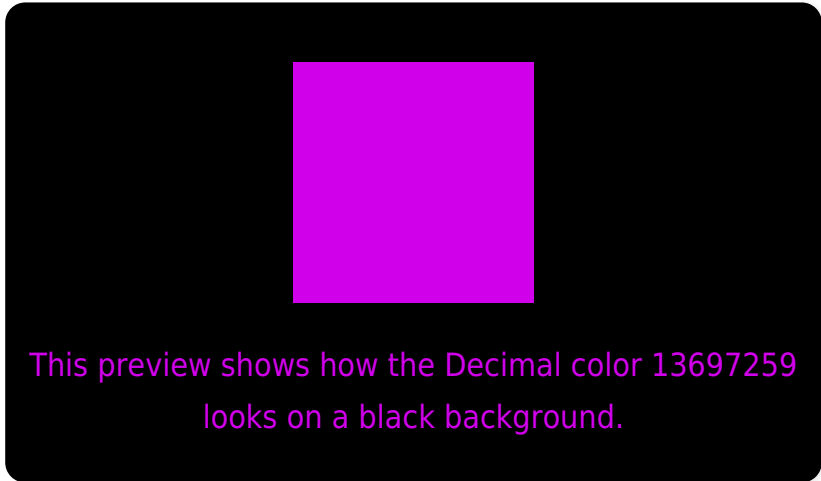
Large Text (above 18pt) WCAG AA ✓ Pass

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 13697259 Background



This preview shows how black text looks on a background with the Decimal color 13697259.

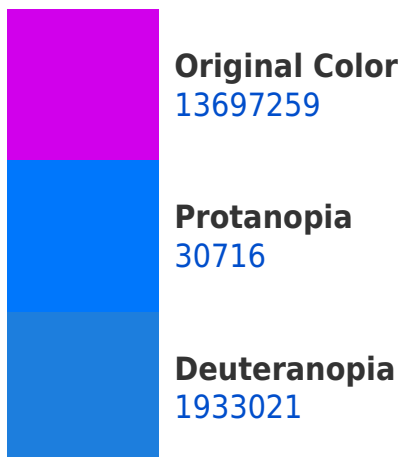


This preview shows how white text looks on a background with the Decimal color 13697259.

# 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





# Trichromacy



**Original Color**

13697259



**Protanomaly**

5000438



**Deuteranomaly**

6181090



**Tritanomaly**

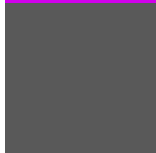
12991380

# Monochromacy



**Original Color**

13697259



**Achromatopsia**

5855577



**Achromatomaly**

8731022

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13697259 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 #D100EB looks like.

```
.text, #text, p{  
    color:#D100EB  
}
```

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 #D100EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D100EB
}
```

## Border

The CSS property to change the border of an element to Decimal 13697259 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".

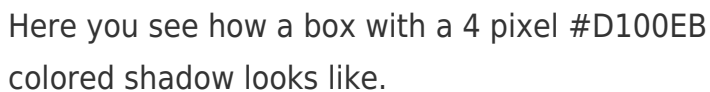
```
.border, #border, table{ border:4px solid
#D100EB }
```

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

```
.border{ border-color:#D100EB }
```

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

Here you see how a box with a 4 pixel #D100EB colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #D100EB color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D100EB; -webkit-box-shadow:4px 4px  
4px 4px #D100EB; box-shadow:4px 4px 4px  
4px #D100EB }
```

# Background

The CSS property to change the background color of an element to Decimal 13697259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D100EB }
```

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

```
.background{ background-color:#D100EB }
```

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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