

# Converting Colors

Decimal(13934041)

Have a look what the booklet for  
Decimal(13934041) contains.

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# **Color**

**Decimal(13934041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D49DD9
RGB	212, 157, 217
RGB Percent	83%, 62%, 85%
CMY	0.1686, 0.3843, 0.1490
CMYK	0.02, 0.28, 0.00, 0.15
HSL	295°, 44%, 73%
HSV	295°, 28%, 85%
XYZ	51.7327, 43.1207, 71.2422
YIQ	180.2850, 13.5200, 30.3200

# Conversions

## Conversions Part 2

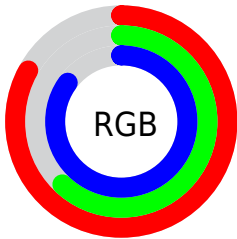
Format	Color
R <sub>Y</sub> B	212, 157, 217
Decimal	13934041
CIE Lab	71.64, 30.49, -22.53
CIE LCh	72, 37.913, 323.539
Yxy	43.1207, 0.3115, 0.2596
Android (android.graphics.Color)	4292124121 (0xFFD49DD9)
YUV	180.2850, 18.1005, 27.8141
Hunter-Lab	65.6664, 25.7082, -18.3579

# Details

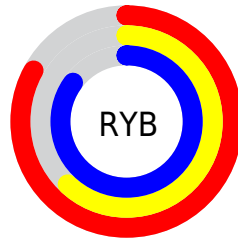
The Decimal color **13934041** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **10672541**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16766207**, and **10316194** is the 20% darker color. If you saturate the color by 10%, you get **13797337**, and if you desaturate by 10%, it is **14070745**.

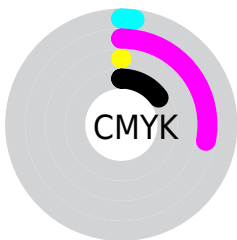
# Distribution



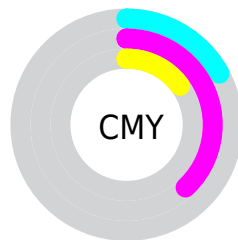
- Red (83%)
- Green (62%)
- Blue (85%)



- Red (83%)
- Yellow (62%)
- Blue (85%)



- Cyan (2%)
- Magenta (28%)
- Yellow (0%)
- Black (15%)

















- Cyan (17%)
- Magenta (38%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13934041 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 13934041 by changing the saturation by 10% instead.



 13934041	 13934041
 16777215	 12092349
 16766207	 10316194
 16773631	 8540296
	 6830190
	 5185878
	 3606846
	 2293800
	 274
	 0

 13934041

 13934041

 13797337

 14070745

 13660889

 14207193

 13589721


 14278361

 13453017

 14415065

 13316569

 14548953

 13179865

 14680025

 13043161

 14811097

 13041881

 14876633

 15007705

# Harmonies

## Analogous

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



11119087



13934041



15570360

# Triad

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



13934041



13478763



2540234

# Complementary

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



13934041



10672541

# 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.



5620391



13934041



11253359

# Square

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



13934041



15179641



8568453



3522278

# Rectangle

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



13934041



15963553



8568453



3523262



# Sweetspot

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



13934041



16641023



10330841



8287104



0



8421504



# Same Dimension

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



13934041



16296959



14261696



7168878



10420397



2752558



# Inverse Universe

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



14261666



16755634



10344886



7234404



11337742



3014660



# Previews

## White Background



This preview shows how the Decimal color 13934041 looks on a white background.

## Color Contrast Check

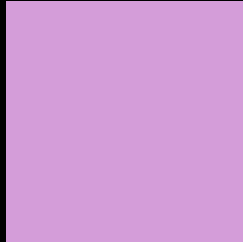
Large Text (above 18pt) WCAG AA × Fail

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 13934041 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

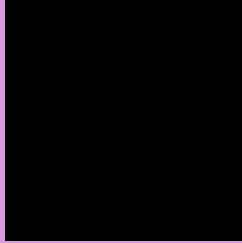
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13934041 Background



This preview shows how black text looks on a background with the Decimal color 13934041.

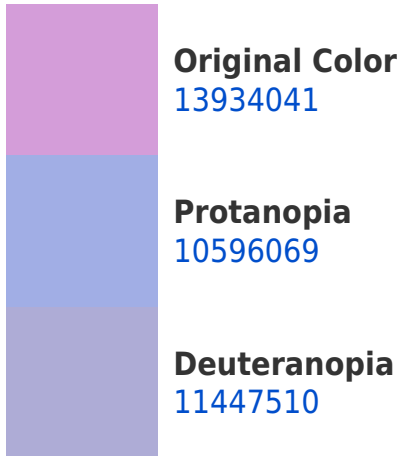



This preview shows how white text looks on a background with the Decimal color 13934041.

# 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**  
13542833

# Trichromacy



**Original Color**  
13934041



**Protanomaly**  
11839713



**Deuteranomaly**  
12363735



**Tritanomaly**  
13673152

# Monochromacy



**Original Color**  
13934041



**Achromatopsia**  
11842740



**Achromatomaly**  
12627137

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13934041 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 #D49DD9 looks like.

```
.text, #text, p{  
    color:#D49DD9  
}
```

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 #D49DD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D49DD9
}
```

## Border

The CSS property to change the border of an element to Decimal 13934041 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
#D49DD9 }
```

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

```
.border{ border-color:#D49DD9 }
```

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

Here you see how a box with a 4 pixel #D49DD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D49DD9; -webkit-box-shadow:4px 4px  
4px 4px #D49DD9; box-shadow:4px 4px 4px  
4px #D49DD9 }
```

# Background

The CSS property to change the background color of an element to Decimal 13934041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D49DD9 }
```

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

```
.background{ background-color:#D49DD9 }
```

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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