

# Converting Colors

Decimal(13747946)

Have a look what the booklet for  
Decimal(13747946) contains.

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# **Color**

**Decimal(13747946)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1C6EA
RGB	209, 198, 234
RGB Percent	82%, 78%, 92%
CMY	0.1804, 0.2235, 0.0824
CMYK	0.11, 0.15, 0.00, 0.08
HSL	258°, 46%, 85%
HSV	258°, 15%, 92%
XYZ	61.3399, 59.8840, 86.1677
YIQ	205.3930, -5.0000, 13.5280

# Conversions

## Conversions Part 2

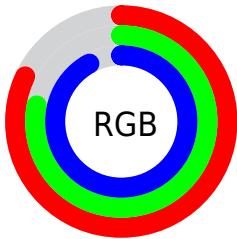
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	209, 198, 234
Decimal	13747946
CIE Lab	81.78, 10.64, -16.42
CIE LCh	82, 19.565, 302.956
Yxy	59.8840, 0.2958, 0.2887
Android (android.graphics.Color)	4291938026 (0xFFD1C6EA)
YUV	205.3930, 14.1033, 3.1633
Hunter-Lab	77.3847, 6.0667, -11.8499

# Details

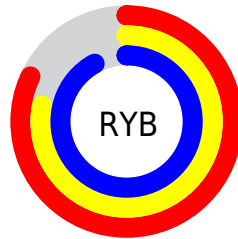
The Decimal color **13747946** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14674630**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16777215**, and **10129586** is the 20% darker color. If you saturate the color by 10%, you get **12693482**, and if you desaturate by 10%, it is **14802410**.

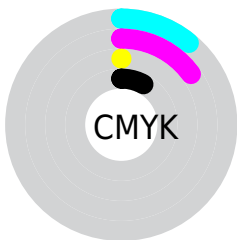
# Distribution



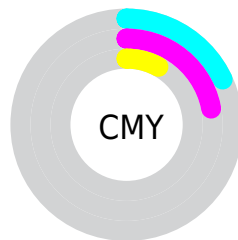
- Red (82%)
- Green (78%)
- Blue (92%)



- Red (82%)
- Yellow (78%)
- Blue (92%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (22%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13747946 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 13747946 by changing the saturation by 10% instead.



■ 13747946

16777215

■ 13747946

■ 11905998

■ 10129586

■ 8419223

■ 6774398

■ 5195364

■ 3616844

■ 2169654

■ 917537

■ 5

13747946

13747946

12693482

14802410

11638762

15922666

10518762

16777194

9464042

8409578

7289578

6234858

5180394

4653290

# Harmonies

## Analogous

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



12176624



13747946



15057372

# Triad

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



13747946



15254955



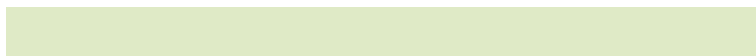
10475212

# Complementary

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



13747946



14674630

# 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.



11523258



13747946



14207911

# Square

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



13747946



15843512



12832940



10212830

# Rectangle

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



13747946



15646672



12832940



10802886



# Sweetspot

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



13747946



16184063



13033450



8026240



0



8421504



# Same Dimension

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



13747946



14668287



14927594



7170677



3604661



1048630



# Inverse Universe

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



15386335



16765425



13494982



7694962



11862142



3538981



# Previews

## White Background



This preview shows how the Decimal color 13747946 looks on a white background.

## Color Contrast Check

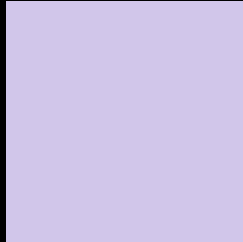
Large Text (above 18pt) WCAG AA × Fail

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 13747946 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

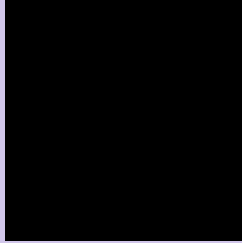
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13747946 Background



This preview shows how black text looks on a background with the Decimal color 13747946.



This preview shows how white text looks on a background with the Decimal color 13747946.

# 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



**Original Color**  
13747946

**Protanopia**  
12962540

**Deuteranopia**  
13682410



**Tritanopia**  
13552089

# Trichromacy



**Original Color**  
13747946

**Protanomaly**  
13224427

**Deuteranomaly**  
13682410

**Tritanomaly**  
13617375

# Monochromacy



**Original Color**  
13747946

**Achromatopsia**  
13487565

**Achromatomaly**  
13552344

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13747946 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 #D1C6EA looks like.

```
.text, #text, p{  
    color:#D1C6EA  
}
```

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 #D1C6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1C6EA
}
```

## Border

The CSS property to change the border of an element to Decimal 13747946 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
#D1C6EA }
```

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

```
.border{ border-color:#D1C6EA }
```

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

Here you see how a box with a 4 pixel #D1C6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1C6EA; -webkit-box-shadow:4px 4px  
4px 4px #D1C6EA; box-shadow:4px 4px 4px  
4px #D1C6EA }
```

# Background

The CSS property to change the background color of an element to Decimal 13747946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1C6EA }
```

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

```
.background{ background-color:#D1C6EA }
```

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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