

# Converting Colors

Decimal(16759549)

Have a look what the booklet for  
Decimal(16759549) contains.

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# **Color**

**Decimal(16759549)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FFBAFD                     |
| RGB         | 255, 186, 253              |
| RGB Percent | 100%, 73%, 99%             |
| CMY         | 0.0000, 0.2706, 0.0078     |
| CMYK        | 0.00, 0.27, 0.01, 0.00     |
| HSL         | 302°, 100%, 86%            |
| HSV         | 302°, 27%, 100%            |
| XYZ         | 76.5285, 63.4697, 101.1459 |
| YIQ         | 214.2690, 19.6170, 35.4650 |

# Conversions

## Conversions Part 2

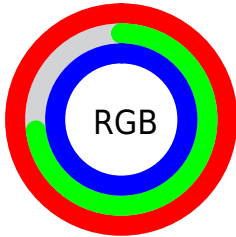
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 255, 186, 253                 |
| Decimal                             | 16759549                      |
| CIE <sub>Lab</sub>                  | 83.69, 35.46, -23.27          |
| CIE <sub>LCh</sub>                  | 84, 42.415, 326.729           |
| Yxy                                 | 63.4697, 0.3174,<br>0.2632    |
| Android<br>(android.graphics.Color) | 4294949629<br>(0xFFFFBAFD)    |
| YUV                                 | 214.2690, 19.0944,<br>35.7211 |
| Hunter-Lab                          | 79.6678, 32.0475,<br>-19.5068 |

# Details

The Decimal color **16759549** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **12255164**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16774143**, and **12944580** is the 20% darker color. If you saturate the color by 10%, you get **16753148**, and if you desaturate by 10%, it is **16765950**.

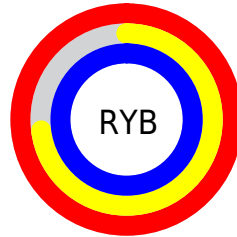
# Distribution



Red (100%)

Green (73%)

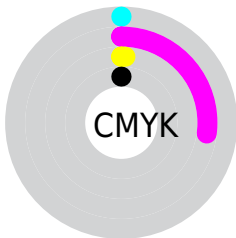
Blue (99%)



Red (100%)

Yellow (73%)

Blue (99%)

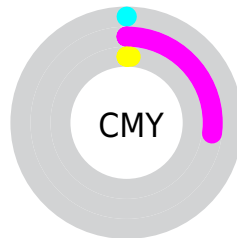


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16759549 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 16759549 by changing the saturation by 10% instead.



 16759549


 16759549

16777215


 14852064

 16774143

 12944580

 11168425

 9326990

 7616629

 5906524

 4326724

 2818094

 458776

 16759549

 16759549

 16753148

 16765950

 16746492

 16772606

 16739835

16777215

 16733434

 16726777

 16720377

 16713976

 16711928

# Harmonies

## Analogous

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



13617407



16759549



16757463

# Triad

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



16759549



15715712



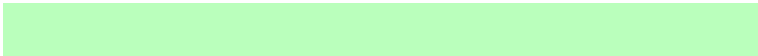
3466739

# Complementary

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



16759549



12255164

# 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.



6612683



16759549



13031816

# Square

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



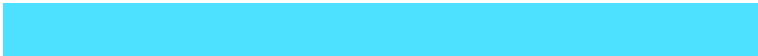
16759549



16760719



9953955



5103871

# Rectangle

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



16759549



16757436



9953955



4318950



# Sweetspot

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



16759549



16772094



12303103



8418175



0



8421504



# Same Dimension

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



16759549



16756221



16759515



8418175



12517562



4194366



# Inverse Universe

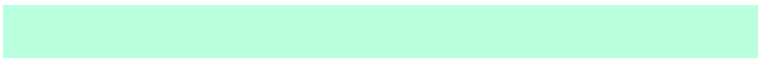
The Inverse Universe completely reimagines the original color for something new.



16759549



16756221



12255198



8418175



12517562



4194366



# Previews

## White Background



This preview shows how the Decimal color 16759549 looks on a white background.

## Color Contrast Check

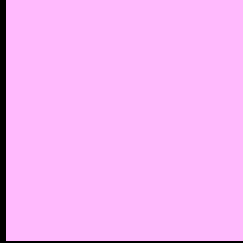
Large Text (above 18pt) WCAG AA × Fail

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 16759549 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 16759549 Background



This preview shows how black text looks on a background with the Decimal color 16759549.




This preview shows how white text looks on a background with the Decimal color 16759549.

# 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**  
16368337

# Trichromacy



**Original Color**  
16759549



**Protanomaly**  
14338046



**Deuteranomaly**  
14861819

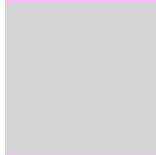


**Tritanomaly**  
16498657

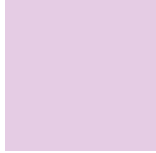
# Monochromacy



**Original Color**  
16759549



**Achromatopsia**  
14079702



**Achromatomaly**  
15060196

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16759549 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 #FFBAFD looks like.

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

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 #FFBAFD colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 16759549 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
#FFBAFD }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 16759549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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