

# Converting Colors

Decimal(16761318)

Have a look what the booklet for  
Decimal(16761318) contains.

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# **Color**

**Decimal(16761318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC1E6
RGB	255, 193, 230
RGB Percent	100%, 76%, 90%
CMY	0.0000, 0.2431, 0.0980
CMYK	0.00, 0.24, 0.10, 0.00
HSL	324°, 100%, 88%
HSV	324°, 24%, 100%
XYZ	74.5929, 65.1131, 83.4995
YIQ	215.7560, 25.0750, 24.6510

# Conversions

## Conversions Part 2

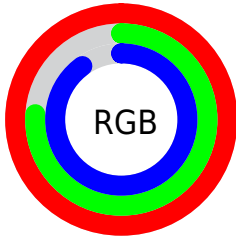
Format	Color
R <sub>Y</sub> B	255, 193, 230
Decimal	16761318
CIE Lab	84.54, 27.83, -9.72
CIE LCh	85, 29.477, 340.754
Yxy	65.1131, 0.3342, 0.2917
Android (android.graphics.Color)	4294951398 (0xFFFFC1E6)
YUV	215.7560, 7.0223, 34.4170
Hunter-Lab	80.6927, 23.7945, -4.8675

# Details

The Decimal color **16761318** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **12713946**, and the grayscale version is **14211288**.

A 20% lighter version of the original color is **16775935**, and **13011886** is the 20% darker color. If you saturate the color by 10%, you get **16754908**, and if you desaturate by 10%, it is **16767984**.

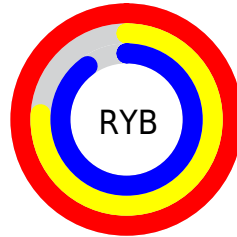
# Distribution



Red (100%)

Green (76%)

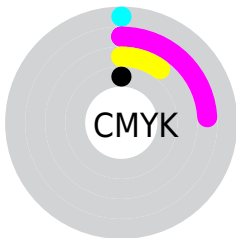
Blue (90%)



Red (100%)

Yellow (76%)

Blue (90%)

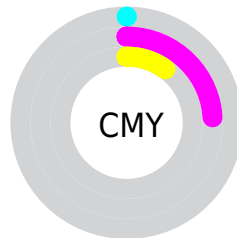


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16761318 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 16761318 by changing the saturation by 10% instead.



 16761318


 16761318

16777215

 14853834

 16775935

 13011886

 11170196

 9394298

 7684193

 5974089

 4395315

 2883614

 720897

16761318

16761318

16754908

16767984

16748241

16774395

16741831

16777215

16735165

16728755

16722088

16715678

16711832

# Harmonies

## Analogous

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



14993661



16761318



16760778

# Triad

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



16761318



14537884



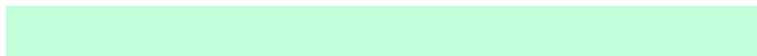
8643062

# Complementary

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



16761318



12713946

# 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.



8905692



16761318



12508328

# Square

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



16761318



16239519



10478016



10083327

# Rectangle

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



16761318



16761272



10478016



8512238



# Sweetspot

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



16761318



16772600



14336511



8418683



0



8421504



# Same Dimension

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



16761318



16758241



16761287



8418170



12517490



4194342



# Inverse Universe

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



16761318



16758241



12713977



8418170



12517490



4194342



# Previews

## White Background



This preview shows how the Decimal color 16761318 looks on a white background.

## Color Contrast Check

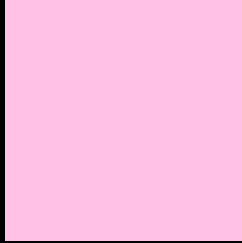
Large Text (above 18pt) WCAG AA × Fail

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 16761318 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 16761318 Background



This preview shows how black text looks on a background with the Decimal color 16761318.



This preview shows how white text looks on a background with the Decimal color 16761318.

# 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**  
16761318

**Protanopia**  
13554417

**Deuteranopia**  
14732772

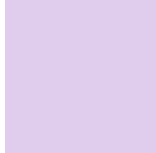


**Tritanopia**  
16630995

# Trichromacy



**Original Color**  
16761318



**Protanomaly**  
14732525



**Deuteranomaly**  
15452645

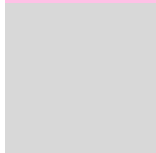


**Tritanomaly**  
16696282

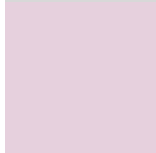
# Monochromacy



**Original Color**  
16761318



**Achromatopsia**  
14211288



**Achromatomaly**  
15126749

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16761318 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 #FFC1E6 looks like.

```
.text, #text, p{  
    color:#FFC1E6  
}
```

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 #FFC1E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC1E6
}
```

## Border

The CSS property to change the border of an element to Decimal 16761318 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
#FFC1E6 }
```

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

```
.border{ border-color:#FFC1E6 }
```

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

Here you see how a box with a 4 pixel #FFC1E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC1E6; -webkit-box-shadow:4px 4px  
4px 4px #FFC1E6; box-shadow:4px 4px 4px  
4px #FFC1E6 }
```

# Background

The CSS property to change the background color of an element to Decimal 16761318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC1E6 }
```

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

```
.background{ background-color:#FFC1E6 }
```

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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