

# Converting Colors

Decimal(16756975)

Have a look what the booklet for  
Decimal(16756975) contains.

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# **Color**

**Decimal(16756975)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB0EF
RGB	255, 176, 239
RGB Percent	100%, 69%, 94%
CMY	0.0000, 0.3098, 0.0627
CMYK	0.00, 0.31, 0.06, 0.00
HSL	312°, 100%, 85%
HSV	312°, 31%, 100%
XYZ	72.3453, 58.5427, 89.1482
YIQ	206.8030, 26.8610, 36.3410

# Conversions

## Conversions Part 2

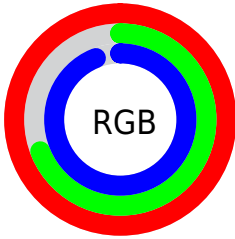
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 176, 239
Decimal	16756975
CIE Lab	81.04, 38.25, -19.79
CIE LCh	81, 43.065, 332.638
Yxy	58.5427, 0.3288, 0.2661
Android (android.graphics.Color)	4294947055 (0xFFFFB0EF)
YUV	206.8030, 15.8731, 42.2688
Hunter-Lab	76.5132, 34.8786, -15.5216

# Details

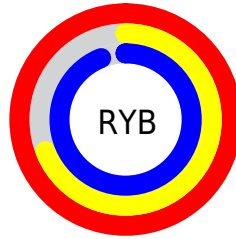
The Decimal color **16756975** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **11599808**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **16771327**, and **12942007** is the 20% darker color. If you saturate the color by 10%, you get **16750314**, and if you desaturate by 10%, it is **16763636**.

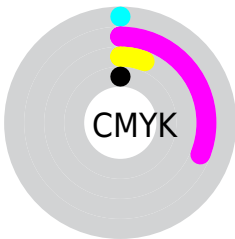
# Distribution



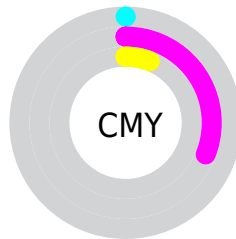
- Red (100%)
- Green (69%)
- Blue (94%)



- Red (100%)
- Yellow (69%)
- Blue (94%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16756975 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 16756975 by changing the saturation by 10% instead.



 16756975

 16756975

16777215

 14849491

 16771327

 12942007

 11100316

 9324418

 7548521

 5903696

 4194361

 2818084

 11

 16756975

 16756975

 16750314

 16763636

 16743909

 16770041

 16737248

 16776702

 16730842

16777215

 16724437

 16717776

 16711883

# Harmonies

## Analogous

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



13876735



16756975



16755399

# Triad

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



16756975



14731384



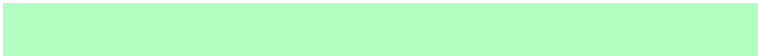
974323

# Complementary

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



16756975



11599808

# 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.



5038028



16756975



11981956

# Square

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



16756975



16759427



8772515



4970495

# Rectangle

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



16756975



16755628



8772515



2154215



# Sweetspot

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



16756975



16771322



12628223



8417661



0



8421504



# Same Dimension

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



16756975



16753132



16756936



8418173



12517529



4194355



# Inverse Universe

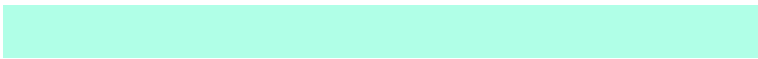
The Inverse Universe completely reimagines the original color for something new.



16756975



16753132



11599847



8418173



12517529



4194355



# Previews

## White Background



This preview shows how the Decimal color 16756975 looks on a white background.

## Color Contrast Check

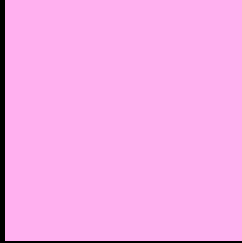
Large Text (above 18pt) WCAG AA × Fail

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 16756975 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 16756975 Background



This preview shows how black text looks on a background with the Decimal color 16756975.




This preview shows how white text looks on a background with the Decimal color 16756975.

# 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**  
16431302

# Trichromacy



**Original Color**  
16756975



**Protanomaly**  
13942777



**Deuteranomaly**  
14663148

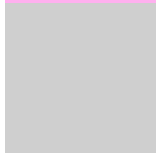


**Tritanomaly**  
16561621

# Monochromacy



**Original Color**  
16756975



**Achromatopsia**  
13619151



**Achromatomaly**  
14730459

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16756975 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 #FFB0EF looks like.

```
.text, #text, p{  
    color:#FFB0EF  
}
```

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 #FFB0EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB0EF
}
```

## Border

The CSS property to change the border of an element to Decimal 16756975 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
#FFB0EF }
```

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

```
.border{ border-color:#FFB0EF }
```

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

Here you see how a box with a 4 pixel #FFB0EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB0EF; -webkit-box-shadow:4px 4px  
4px 4px #FFB0EF; box-shadow:4px 4px 4px  
4px #FFB0EF }
```

# Background

The CSS property to change the background color of an element to Decimal 16756975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB0EF }
```

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

```
.background{ background-color:#FFB0EF }
```

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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