

# Converting Colors

Decimal(16746979)

Have a look what the booklet for  
Decimal(16746979) contains.

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# **Color**

**Decimal(16746979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF89E3
RGB	255, 137, 227
RGB Percent	100%, 54%, 89%
CMY	0.0000, 0.4627, 0.1098
CMYK	0.00, 0.46, 0.11, 0.00
HSL	314°, 100%, 77%
HSV	314°, 46%, 100%
XYZ	64.0508, 44.6974, 77.9247
YIQ	182.5420, 41.4380, 53.0060

# Conversions

## Conversions Part 2

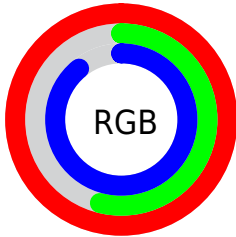
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 137, 227
Decimal	16746979
CIE <sub>Lab</sub>	72.69, 56.07, -25.98
CIE <sub>LCh</sub>	73, 61.794, 335.139
Yxy	44.6974, 0.3431, 0.2394
Android (android.graphics.Color)	4294937059 (0xFFFF89E3)
YUV	182.5420, 21.9178, 63.5457
Hunter-Lab	66.8561, 54.0119, -22.3067

# Details

The Decimal color **16746979** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9043877**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16761343**, and **12866219** is the 20% darker color. If you saturate the color by 10%, you get **16740573**, and if you desaturate by 10%, it is **16753641**.

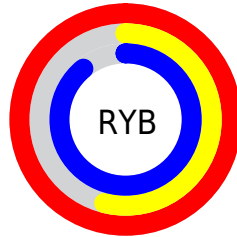
# Distribution



Red (100%)

Green (54%)

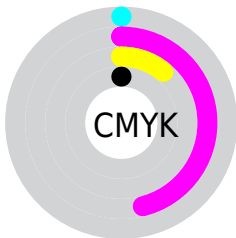
Blue (89%)



Red (100%)

Yellow (54%)

Blue (89%)

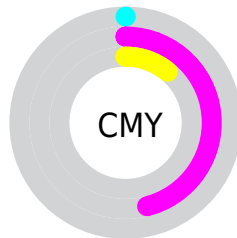


Cyan (0%)

Magenta (46%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (46%)















Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16746979 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 16746979 by changing the saturation by 10% instead.



 16746979	 16746979
16777215	 14773959
 16761343	 12866219
 16768767	 10958481
 16776191	 9114999
	 7340126
	 5570630
	 3932207
	 2097178
	 0

 16746979

 16746979

 16740573

 16753641

 16733911

 16760047

 16727249

 16766709

 16720843

 16773115

 16714181

16777215

 16711874

# Harmonies

## Analogous

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



12754943



16746979



16744363

# Triad

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



16746979



13153081



52722

# Complementary

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



16746979



9043877

# 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.



52923



16746979



9290320

# Square

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



16746979



16227914



3197825



50687

# Rectangle

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



16746979



16745606



3197825



52961



# Sweetspot

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



16746979



16767991



10848767



8415866



0



8421504



# Same Dimension

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



16746979



16740573



16746920



8418172



12517522



4194353



# Inverse Universe

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



16746979



16740573



9043936



8418172



12517522



4194353



# Previews

## White Background



This preview shows how the Decimal color 16746979 looks on a white background.

## Color Contrast Check

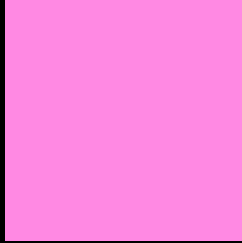
Large Text (above 18pt) WCAG AA × Fail

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 16746979 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 16746979 Background



This preview shows how black text looks on a background with the Decimal color 16746979.




This preview shows how white text looks on a background with the Decimal color 16746979.

# 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**  
16291746

# Trichromacy



**Original Color**  
16746979



**Protanomaly**  
12559093



**Deuteranomaly**  
13410783



**Tritanomaly**  
16487098

# Monochromacy



**Original Color**  
16746979



**Achromatopsia**  
12040119



**Achromatomaly**  
13739719

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16746979 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 #FF89E3 looks like.

```
.text, #text, p{  
    color:#FF89E3  
}
```

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 #FF89E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF89E3
}
```

## Border

The CSS property to change the border of an element to Decimal 16746979 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
#FF89E3 }
```

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

```
.border{ border-color:#FF89E3 }
```

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

Here you see how a box with a 4 pixel #FF89E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF89E3; -webkit-box-shadow:4px 4px  
4px 4px #FF89E3; box-shadow:4px 4px 4px  
4px #FF89E3 }
```

# Background

The CSS property to change the background color of an element to Decimal 16746979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF89E3 }
```

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

```
.background{ background-color:#FF89E3 }
```

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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