

# Converting Colors

Decimal(16746436)

Have a look what the booklet for  
Decimal(16746436) contains.

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# **Color**

**Decimal(16746436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF87C4
RGB	255, 135, 196
RGB Percent	100%, 53%, 77%
CMY	0.0000, 0.4706, 0.2314
CMYK	0.00, 0.47, 0.23, 0.00
HSL	330°, 100%, 76%
HSV	330°, 47%, 100%
XYZ	59.8678, 42.5735, 57.2867
YIQ	177.8340, 51.9390, 44.4110

# Conversions

## Conversions Part 2

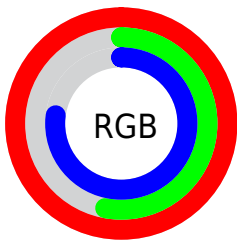
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 135, 196
Decimal	16746436
CIE <sub>Lab</sub>	71.26, 52.46, -11.00
CIE <sub>LCh</sub>	71, 53.604, 348.155
Yxy	42.5735, 0.3748, 0.2665
Android (android.graphics.Color)	4294936516 (0xFFFF87C4)
YUV	177.8340, 8.9558, 67.6746
Hunter-Lab	65.2483, 49.5958, -6.3815

# Details

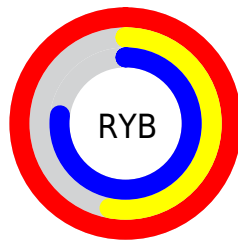
The Decimal color **16746436** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8912834**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **16760829**, and **12865934** is the 20% darker color. If you saturate the color by 10%, you get **16740023**, and if you desaturate by 10%, it is **16753105**.

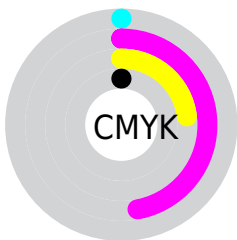
# Distribution



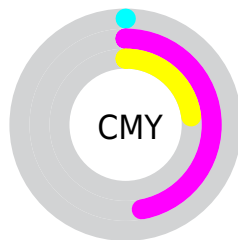
- Red (100%)
- Green (53%)
- Blue (77%)



- Red (100%)
- Yellow (53%)
- Blue (77%)



- Cyan (0%)
- Magenta (47%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16746436 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 16746436 by changing the saturation by 10% instead.



 16746436

 16746436

16777215

 14773417

 16760829

 12865934

 16768255

 10958197

 16775679

 9114972

 7274564

 5505070

 3866650

 1835009

 0

 16746436

 16746436

 16740023

 16753105

 16733355

 16759517

 16726686

 16766186

 16720274

 16772598

 16713861

16777215

 16711810

# Harmonies

## Analogous

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



14128880



16746436



16746131

# Triad

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



16746436



11449677



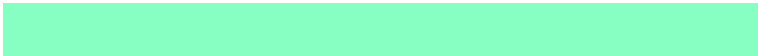
50166

# Complementary

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



16746436



8912834

# 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.



51147



16746436



7782507

# Square

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



16746436



14394700



50841



47615

# Rectangle

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



16746436



16748149



50841



50666



# Sweetspot

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



16746436



16767981



12683263



8415861



0



8421504



# Same Dimension

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



16746436



16740537



16746377



8418169



12517473



4194336



# Inverse Universe

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



16746436



16740537



8912893



8418169



12517473



4194336



# Previews

## White Background



This preview shows how the Decimal color 16746436 looks on a white background.

## Color Contrast Check

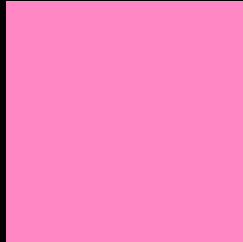
Large Text (above 18pt) WCAG AA × Fail

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 16746436 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 16746436 Background



This preview shows how black text looks on a background with the Decimal color 16746436.

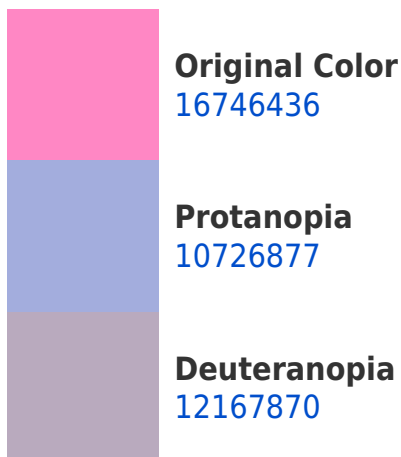


This preview shows how white text looks on a background with the Decimal color 16746436.

# 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**  
16486298

# Trichromacy



**Original Color**  
16746436



**Protanomaly**  
12885972



**Deuteranomaly**  
13802944



**Tritanomaly**  
16551081

# Monochromacy



**Original Color**  
16746436



**Achromatopsia**  
11711154



**Achromatomaly**  
13542073

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16746436 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 #FF87C4 looks like.

```
.text, #text, p{  
    color:#FF87C4  
}
```

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 #FF87C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF87C4
}
```

## Border

The CSS property to change the border of an element to Decimal 16746436 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
#FF87C4 }
```

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

```
.border{ border-color:#FF87C4 }
```

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

Here you see how a box with a 4 pixel #FF87C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF87C4; -webkit-box-shadow:4px 4px  
4px 4px #FF87C4; box-shadow:4px 4px 4px  
4px #FF87C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 16746436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF87C4 }
```

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

```
.background{ background-color:#FF87C4 }
```

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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