

# Converting Colors

Decimal(16760046)

Have a look what the booklet for  
Decimal(16760046) contains.

<b>Decimal(16760046)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16760046)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBCEE
RGB	255, 188, 238
RGB Percent	100%, 74%, 93%
CMY	0.0000, 0.2627, 0.0667
CMYK	0.00, 0.26, 0.07, 0.00
HSL	315°, 100%, 87%
HSV	315°, 26%, 100%
XYZ	74.6558, 63.3995, 89.1915
YIQ	213.7330, 23.8820, 29.7540

# Conversions

## Conversions Part 2

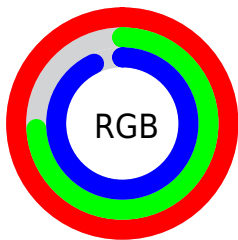
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 188, 238
Decimal	16760046
CIE Lab	83.65, 31.80, -15.32
CIE LCh	84, 35.293, 334.275
Yxy	63.3995, 0.3285, 0.2790
Android (android.graphics.Color)	4294950126 (0xFFFFBCEE)
YUV	213.7330, 11.9636, 36.1912
Hunter-Lab	79.6238, 28.0212, -10.6777

# Details

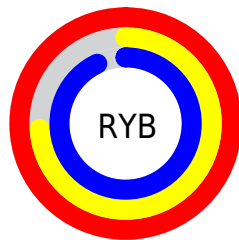
The Decimal color **16760046** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **12386253**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16774655**, and **13010614** is the 20% darker color. If you saturate the color by 10%, you get **16753640**, and if you desaturate by 10%, it is **16766708**.

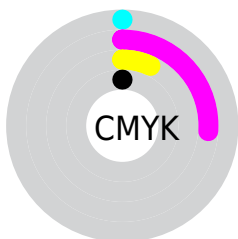
# Distribution



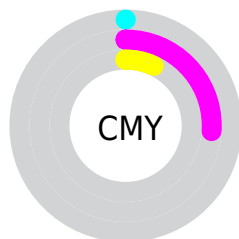
- Red (100%)
- Green (74%)
- Blue (93%)



- Red (100%)
- Yellow (74%)
- Blue (93%)



- Cyan (0%)
- Magenta (26%)
- Yellow (7%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16760046 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 16760046 by changing the saturation by 10% instead.



 16760046


 16760046

16777215

 14852562

 16774655

 13010614


 11168923

 9393025

 7617384

 5972816

 4327993

 2818083

 458763

 16760046

 16760046

 16753640

 16766708

 16746977

 16773115

 16740571

16777215

 16733908

 16727502

 16720839

 16714433

 16711870

# Harmonies

## Analogous

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



14403327



16760046



16758989

# Triad

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



16760046



14930062



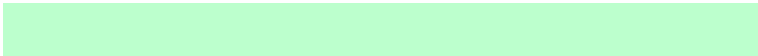
6676981

# Complementary

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



16760046



12386253

# 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.



7660500



16760046



12573337

# Square

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



16760046



16762262



10018995



8248575

# Rectangle

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



16760046



16759223



10018995



6742763



# Sweetspot

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



16760046



16772090



13483263



8418172



0



8421504



# Same Dimension

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



16760046



16756202



16760013



8418172



12517519



4194352



# Inverse Universe

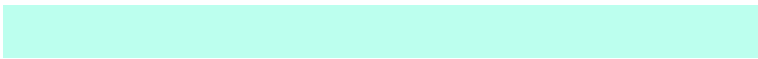
The Inverse Universe completely reimagines the original color for something new.



16760046



16756202



12386286



8418172



12517519



4194352



# Previews

## White Background



This preview shows how the Decimal color 16760046 looks on a white background.

## Color Contrast Check

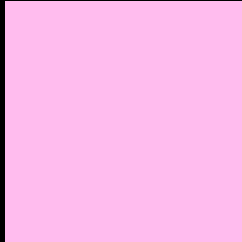
Large Text (above 18pt) WCAG AA × Fail

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 16760046 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 16760046 Background



This preview shows how black text looks on a background with the Decimal color 16760046.




This preview shows how white text looks on a background with the Decimal color 16760046.

# 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**  
16499152

# Trichromacy



**Original Color**  
16760046



**Protanomaly**  
14469366



**Deuteranomaly**  
15189740

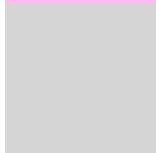


**Tritanomaly**  
16564187

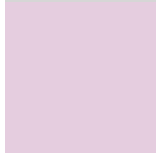
# Monochromacy



**Original Color**  
16760046



**Achromatopsia**  
14079702



**Achromatomaly**  
15060447

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16760046 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 #FFBCEE looks like.

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

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 #FFBCEE colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 16760046 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
#FFBCEE }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 16760046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor