

# Converting Colors

Decimal(16756954)

Have a look what the booklet for  
Decimal(16756954) contains.

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# **Color**

**Decimal(16756954)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB0DA
RGB	255, 176, 218
RGB Percent	100%, 69%, 85%
CMY	0.0000, 0.3098, 0.1451
CMYK	0.00, 0.31, 0.15, 0.00
HSL	328°, 100%, 85%
HSV	328°, 31%, 100%
XYZ	69.4202, 57.3726, 73.7448
YIQ	204.4090, 33.6020, 29.8100

# Conversions

## Conversions Part 2

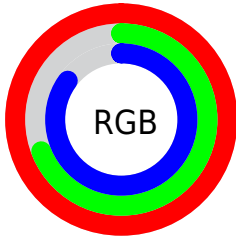
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 176, 218
Decimal	16756954
CIE Lab	80.39, 34.81, -9.45
CIE LCh	80, 36.075, 344.812
Yxy	57.3726, 0.3462, 0.2861
Android (android.graphics.Color)	4294947034 (0xFFFFB0DA)
YUV	204.4090, 6.7004, 44.3683
Hunter-Lab	75.7447, 31.0424, -4.7033

# Details

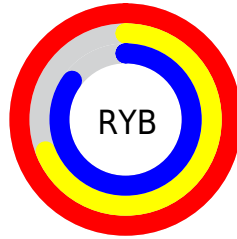
The Decimal color **16756954** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **11599829**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16771327**, and **12941987** is the 20% darker color. If you saturate the color by 10%, you get **16750286**, and if you desaturate by 10%, it is **16763622**.

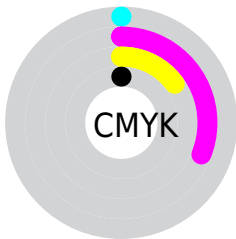
# Distribution



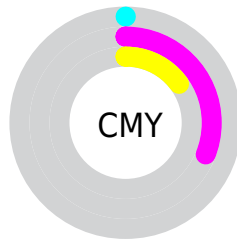
- Red (100%)
- Green (69%)
- Blue (85%)



- Red (100%)
- Yellow (69%)
- Blue (85%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16756954 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 16756954 by changing the saturation by 10% instead.



 16756954

 16756954

16777215

 14849470

 16771327

 12941987

 11100553

 9324655

 7548759

 5838400

 4194346

 2883606

 0

 16756954

 16756954

 16750286

 16763622

 16743874

 16770034

 16737206

 16776702

 16730794

16777215

 16724382

 16717714

 16711816

# Harmonies

## Analogous

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



14793207



16756954



16756408

# Triad

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



16756954



13552518



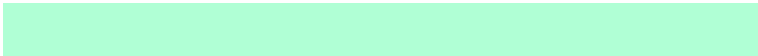
5887990

# Complementary

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



16756954



11599829

# 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.



6150871



16756954



11064215

# Square

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



16756954



15646599



8444341



8442111

# Rectangle

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



16756954



16757411



8444341



5626093



# Sweetspot

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



16756954



16771316



14004479



8417657



0



8421504



# Same Dimension

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



16756954



16753107



16756915



8418170



12517478



4194338



# Inverse Universe

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



16756954



16753107



11599868



8418170



12517478



4194338



# Previews

## White Background



This preview shows how the Decimal color 16756954 looks on a white background.

## Color Contrast Check

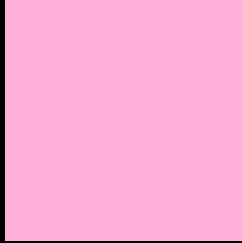
Large Text (above 18pt) WCAG AA × Fail

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 16756954 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 16756954 Background



This preview shows how black text looks on a background with the Decimal color 16756954.




This preview shows how white text looks on a background with the Decimal color 16756954.

# 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**  
16561346

# Trichromacy



**Original Color**  
16756954



**Protanomaly**  
14204643



**Deuteranomaly**  
14990296

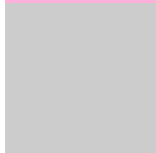


**Tritanomaly**  
16626635

# Monochromacy



**Original Color**  
16756954



**Achromatopsia**  
13421772



**Achromatomaly**  
14664401

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16756954 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 #FFB0DA looks like.

```
.text, #text, p{  
    color:#FFB0DA  
}
```

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 #FFB0DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB0DA
}
```

## Border

The CSS property to change the border of an element to Decimal 16756954 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
#FFB0DA }
```

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

```
.border{ border-color:#FFB0DA }
```

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

Here you see how a box with a 4 pixel #FFB0DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB0DA; -webkit-box-shadow:4px 4px  
4px 4px #FFB0DA; box-shadow:4px 4px 4px  
4px #FFB0DA }
```

# Background

The CSS property to change the background color of an element to Decimal 16756954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB0DA }
```

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

```
.background{ background-color:#FFB0DA }
```

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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