

# Converting Colors

Decimal(16756426)

Have a look what the booklet for  
Decimal(16756426) contains.

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# **Color**

**Decimal(16756426)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAECA
RGB	255, 174, 202
RGB Percent	100%, 68%, 79%
CMY	0.0000, 0.3176, 0.2078
CMYK	0.00, 0.32, 0.21, 0.00
HSL	339°, 100%, 84%
HSV	339°, 32%, 100%
XYZ	67.0367, 55.7964, 63.1137
YIQ	201.4110, 39.2880, 25.8800

# Conversions

## Conversions Part 2

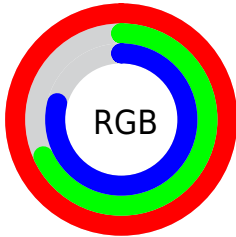
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 174, 202
Decimal	16756426
CIE Lab	79.50, 33.44, -2.11
CIE LCh	79, 33.508, 356.397
Yxy	55.7964, 0.3605, 0.3001
Android (android.graphics.Color)	4294946506 (0xFFFFAECA)
YUV	201.4110, 0.2904, 46.9976
Hunter-Lab	74.6970, 29.4750, 2.1920

# Details

The Decimal color **16756426** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **11468771**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16770815**, and **12941716** is the 20% darker color. If you saturate the color by 10%, you get **16749753**, and if you desaturate by 10%, it is **16763099**.

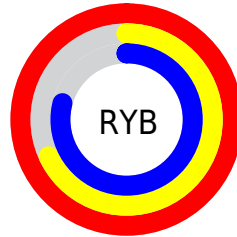
# Distribution



Red (100%)

Green (68%)

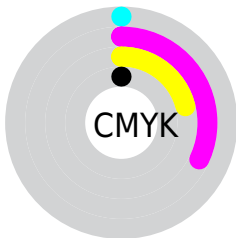
Blue (79%)



Red (100%)

Yellow (68%)

Blue (79%)

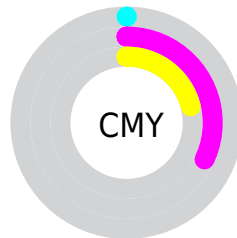


Cyan (0%)

Magenta (32%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16756426 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 16756426 by changing the saturation by 10% instead.



 16756426


 16756426

16777215

 14848943

 16770815

 12941716

 11100026

 9258593

 7482954

 5772595

 4128798

 2818052

 0

 16756426

 16756426

 16749753

 16763099

 16743337

 16769515

 16736920

 16776188

 16730247

16777215

 16723831

 16717158

 16711768

# Harmonies

## Analogous

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



15316200



16756426



16756651

# Triad

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



16756426



12503948



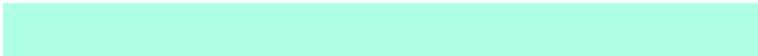
7197176

# Complementary

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



16756426



11468771

# 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.



6412000



16756426



10146721

# Square

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



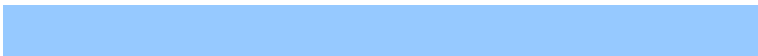
16756426



14598791



7853760



9882111

# Rectangle

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



16756426



16626841



7853760



6673393



# Sweetspot

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



16756426



16770798



14921471



8417397



0



8421504



# Same Dimension

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



16756426



16752320



16759470



8418167



12517442



4194326



# Inverse Universe

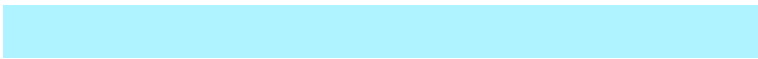
The Inverse Universe completely reimagines the original color for something new.



16756426



16752320



11465727



8418167



12517442

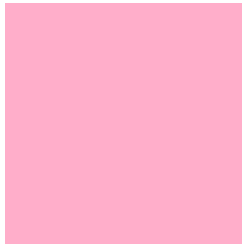


4194326



# Previews

## White Background



This preview shows how the Decimal color 16756426 looks on a white background.

## Color Contrast Check

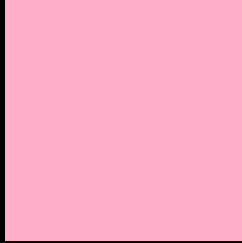
Large Text (above 18pt) WCAG AA × Fail

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 16756426 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 16756426 Background



This preview shows how black text looks on a background with the Decimal color 16756426.



This preview shows how white text looks on a background with the Decimal color 16756426.

# 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



**Original Color**  
16756426

**Protanopia**  
12895447

**Deuteranopia**  
14204871



**Tritanopia**  
16691390

# Trichromacy



**Original Color**  
16756426



**Protanomaly**  
14269650



**Deuteranomaly**  
15120840

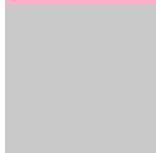


**Tritanomaly**  
16691138

# Monochromacy



**Original Color**  
16756426



**Achromatopsia**  
13224393



**Achromatomaly**  
14532553

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16756426 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 #FFAECA looks like.

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

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 #FFAECA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 16756426 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
#FFAECA }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 16756426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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