

# Converting Colors

Decimal(16756416)

Have a look what the booklet for  
Decimal(16756416) contains.

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# **Color**

**Decimal(16756416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAEC0
RGB	255, 174, 192
RGB Percent	100%, 68%, 75%
CMY	0.0000, 0.3176, 0.2471
CMYK	0.00, 0.32, 0.25, 0.00
HSL	347°, 100%, 84%
HSV	347°, 32%, 100%
XYZ	65.8905, 55.3379, 57.0776
YIQ	200.2710, 42.4980, 22.7700

# Conversions

## Conversions Part 2

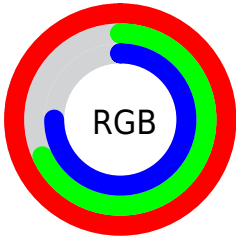
Format	Color
R <sub>Y</sub> B	255, 174, 192
Decimal	16756416
CIE Lab	79.24, 32.02, 2.94
CIE LCh	79, 32.155, 5.241
Yxy	55.3379, 0.3695, 0.3104
Android (android.graphics.Color)	4294946496 (0xFFFFAEC0)
YUV	200.2710, -4.0776, 47.9973
Hunter-Lab	74.3894, 27.9250, 6.5805

# Details

The Decimal color **16756416** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **11468781**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16770808**, and **12941707** is the 20% darker color. If you saturate the color by 10%, you get **16749740**, and if you desaturate by 10%, it is **16763092**.

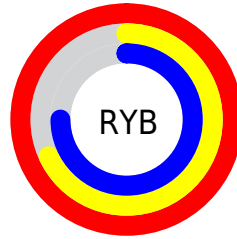
# Distribution



Red (100%)

Green (68%)

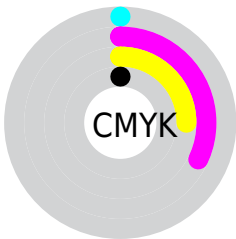
Blue (75%)



Red (100%)

Yellow (68%)

Blue (75%)

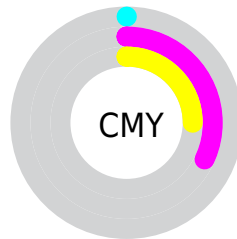


Cyan (0%)

Magenta (32%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16756416 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 16756416 by changing the saturation by 10% instead.



 16756416

 16756416

16777215

 14848933

 16770808

 12941707

 11100017

 9258585

 7482946

 5772844

 4063255

 2752513

 0

 16756416

 16756416

 16749740

 16763092

 16743320

 16769512

 16736900

 16776188

 16730225

16777215

 16723805

 16717129

 16711737

# Harmonies

## Analogous

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



15708894



16756416



16691619

# Triad

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



16756416



11849107



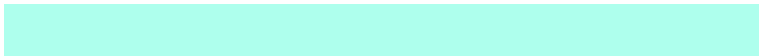
8179450

# Complementary

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



16756416



11468781

# 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.



6738918



16756416



9556906

# Square

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



16756416



13943944



7525833



10864127

# Rectangle

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



16756416



16103316



7525833



7459061



# Sweetspot

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



16756416



16770795



15511295



8417396



0



8421504



# Same Dimension

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



16756416



16752308



16762030



8418166



12517418



4194318



# Inverse Universe

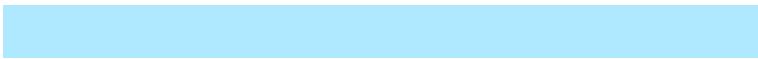
The Inverse Universe completely reimagines the original color for something new.



16756416



16752308



11463167



8418166



12517418



4194318



# Previews

## White Background



This preview shows how the Decimal color 16756416 looks on a white background.

## Color Contrast Check

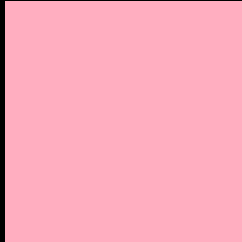
Large Text (above 18pt) WCAG AA × Fail

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 16756416 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 16756416 Background



This preview shows how black text looks on a background with the Decimal color 16756416.




This preview shows how white text looks on a background with the Decimal color 16756416.

# 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**  
16756668

# Trichromacy



**Original Color**  
16756416



**Protanomaly**  
14400712



**Deuteranomaly**  
15186110

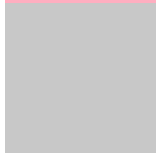


**Tritanomaly**  
16756669

# Monochromacy



**Original Color**  
16756416



**Achromatopsia**  
13158600



**Achromatomaly**  
14467013

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16756416 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 #FFAEC0 looks like.

```
.text, #text, p{  
    color:#FFAEC0  
}
```

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 #FFAEC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFAEC0  
}
```

## Border

The CSS property to change the border of an element to Decimal 16756416 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  
#FFAEC0 }
```

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

```
.border{ border-color:#FFAEC0 }
```

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

Here you see how a box with a 4 pixel #FFAEC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFAEC0; -webkit-box-shadow:4px 4px  
4px 4px #FFAEC0; box-shadow:4px 4px 4px  
4px #FFAEC0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16756416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFAEC0 }
```

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

```
.background{ background-color:#FFAEC0 }
```

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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