

# Converting Colors

Decimal(16363498)

Have a look what the booklet for  
Decimal(16363498) contains.

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# **Color**

**Decimal(16363498)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9AFEA
RGB	249, 175, 234
RGB Percent	98%, 69%, 92%
CMY	0.0235, 0.3137, 0.0824
CMYK	0.00, 0.30, 0.06, 0.02
HSL	312°, 86%, 83%
HSV	312°, 30%, 98%
XYZ	69.2482, 56.7402, 85.1441
YIQ	203.8520, 25.1650, 34.0370

# Conversions

## Conversions Part 2

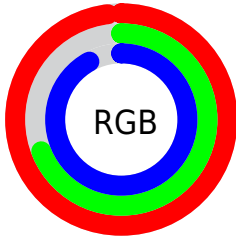
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 175, 234
Decimal	16363498
CIE Lab	80.03, 35.97, -18.68
CIE LCh	80, 40.537, 332.554
Yxy	56.7402, 0.3280, 0.2687
Android (android.graphics.Color)	4294553578 (0xFFF9AFE8)
YUV	203.8520, 14.8630, 39.5948
Hunter-Lab	75.3261, 32.2765, -14.2896

# Details

The Decimal color **16363498** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **11532734**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16771071**, and **12614066** is the 20% darker color. If you saturate the color by 10%, you get **16357093**, and if you desaturate by 10%, it is **16369903**.

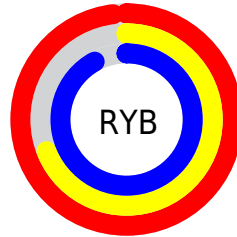
# Distribution



Red (98%)

Green (69%)

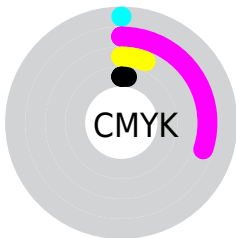
Blue (92%)



Red (98%)

Yellow (69%)

Blue (92%)

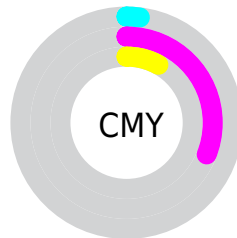


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (2%)



Cyan (2%)

Magenta (31%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16363498 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 16363498 by changing the saturation by 10% instead.



 16363498

 16363498

16777215

 14456014

 16771071

 12614066

 10772631

 8996733

 7220836

 5576012

 3932213

 2687008

 4

 16363498

 16363498

 16357093

 16369903

 16350688

 16376308

 16344283

 16382713

 16337878

 16383998

 16331473

 16383999

 16325324

 16318919

 16318663

# Harmonies

## Analogous

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



13614079



16363498



16755141

# Triad

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



16363498



14534010



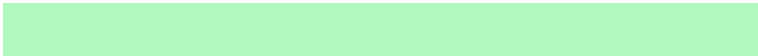
3267310

# Complementary

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



16363498



11532734

# 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.



5692361



16363498



11915397

# Square

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



16363498



16562308



8902818



5690623

# Rectangle

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



16363498



16755627



8902818



3726050



# Sweetspot

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



16363498



16771322



12496889



8417661



0



8421504



# Same Dimension

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



16363498



16753644



16363461



8220794



12386454



3997745



# Inverse Universe

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



16363498



16753644



11532771



8220794



12386454

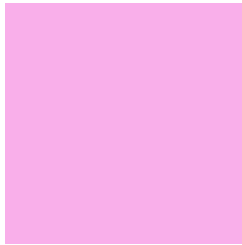


3997745



# Previews

## White Background



This preview shows how the Decimal color 16363498 looks on a white background.

## Color Contrast Check

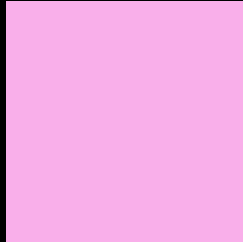
Large Text (above 18pt) WCAG AA × Fail

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 16363498 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 16363498 Background



This preview shows how black text looks on a background with the Decimal color 16363498.



This preview shows how white text looks on a background with the Decimal color 16363498.

# 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**  
16037572

# Trichromacy



**Original Color**  
16363498



**Protanomaly**  
13745652



**Deuteranomaly**  
14466023

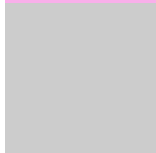


**Tritanomaly**  
16167890

# Monochromacy



**Original Color**  
16363498



**Achromatopsia**  
13421772



**Achromatomaly**  
14467543

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16363498 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 #F9AFE8 looks like.

```
.text, #text, p{  
    color:#F9AFE8  
}
```

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 #F9AFEAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9AFEAA
}
```

## Border

The CSS property to change the border of an element to Decimal 16363498 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
#F9AFEAA }
```

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

```
.border{ border-color:#F9AFEA }
```

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

Here you see how a box with a 4 pixel #F9AFEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9AFEA; -webkit-box-shadow:4px 4px  
4px 4px #F9AFEA; box-shadow:4px 4px 4px  
4px #F9AFEA }
```

# Background

The CSS property to change the background color of an element to Decimal 16363498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9AFEA }
```

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

```
.background{ background-color:#F9AFEA }
```

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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