

# Converting Colors

Decimal(16368377)

Have a look what the booklet for  
Decimal(16368377) contains.

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# **Color**

**Decimal(16368377)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9C2F9
RGB	249, 194, 249
RGB Percent	98%, 76%, 98%
CMY	0.0235, 0.2392, 0.0235
CMYK	0.00, 0.22, 0.00, 0.02
HSL	300°, 82%, 87%
HSV	300°, 22%, 98%
XYZ	75.4576, 65.5629, 98.3004
YIQ	216.7150, 15.1250, 28.7650

# Conversions

## Conversions Part 2

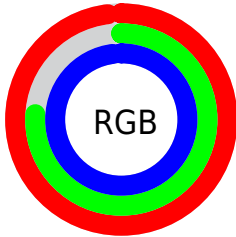
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">249, 194, 249</a>
Decimal	<a href="#">16368377</a>
CIELab	<a href="#">84.77, 28.61, -19.55</a>
CIElCh	<a href="#">85, 34.652, 325.651</a>
Yxy	<a href="#">65.5629, 0.3153, 0.2740</a>
Android (android.graphics.Color)	<a href="#">4294558457</a> ( <a href="#">0xFFFF9C2F9</a> )
YUV	<a href="#">216.7150, 15.9165, 28.3139</a>
Hunter-Lab	<a href="#">80.9709, 24.6469, -15.2997</a>

# Details

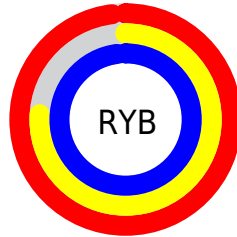
The Decimal color **16368377** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **12777922**, and the grayscale version is **14277081**.

A 20% lighter version of the original color is **16776191**, and **12618944** is the 20% darker color. If you saturate the color by 10%, you get **16361977**, and if you desaturate by 10%, it is **16374777**.

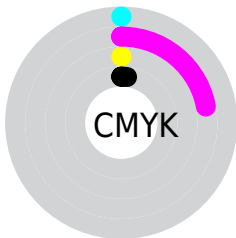
# Distribution



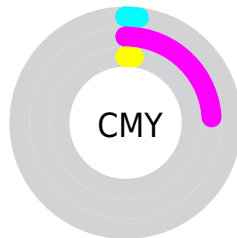
- Red (98%)
- Green (76%)
- Blue (98%)



- Red (98%)
- Yellow (76%)
- Blue (98%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (24%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16368377 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 16368377 by changing the saturation by 10% instead.



 16368377

 16368377

16777215

 14460892

 16776191

 12618944

 10777253

 9066891

 7356785

 5712473

 4068161

 2621483

 262166

 16368377

 16368377

 16361977

 16374777

 16355577

 16381177

 16349177

 16383993

 16342777

 16336633

 16330233

 16323833

 16318713

# Harmonies

## Analogous

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



13815295



16368377



16760026

# Triad

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



16368377



15716498



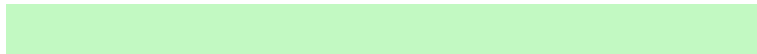
7136751

# Complementary

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



16368377



12777922

# 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.



8644046



16368377



13490840

# Square

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



16368377



16762271



11068078



7922175

# Rectangle

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



16368377



16760003



11068078



7464676



# Sweetspot

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



16368377



16772607



12763897



8418688



0



8421504



# Same Dimension

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



16368377



16759551



16368349



8220797



12386493



3997757



# Inverse Universe

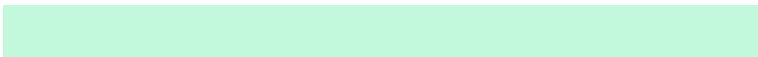
The Inverse Universe completely reimagines the original color for something new.



16368377



16759551



12777949



8220797



12386493



3997757



# Previews

## White Background



This preview shows how the Decimal color 16368377 looks on a white background.

## Color Contrast Check

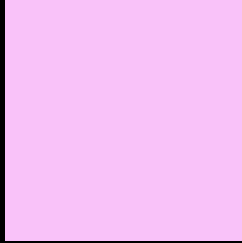
Large Text (above 18pt) WCAG AA × Fail

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 16368377 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 16368377 Background



This preview shows how black text looks on a background with the Decimal color 16368377.



This preview shows how white text looks on a background with the Decimal color 16368377.

# 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**  
16042200

# Trichromacy



**Original Color**  
16368377



**Protanomaly**  
14404861



**Deuteranomaly**  
14994168

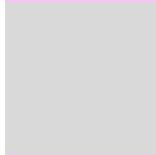


**Tritanomaly**  
16172772

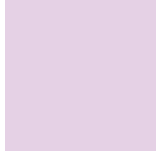
# Monochromacy



**Original Color**  
16368377



**Achromatopsia**  
14277081



**Achromatomaly**  
15061477

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16368377 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 #F9C2F9 looks like.

```
.text, #text, p{  
    color:#F9C2F9  
}
```

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 #F9C2F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9C2F9
}
```

## Border

The CSS property to change the border of an element to Decimal 16368377 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
#F9C2F9 }
```

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

```
.border{ border-color:#F9C2F9 }
```

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

Here you see how a box with a 4 pixel #F9C2F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9C2F9; -webkit-box-shadow:4px 4px  
4px 4px #F9C2F9; box-shadow:4px 4px 4px  
4px #F9C2F9 }
```

# Background

The CSS property to change the background color of an element to Decimal 16368377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9C2F9 }
```

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

```
.background{ background-color:#F9C2F9 }
```

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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