

# Converting Colors

Decimal(16376831)

Have a look what the booklet for  
Decimal(16376831) contains.

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# **Color**

**Decimal(16376831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9E3FF
RGB	249, 227, 255
RGB Percent	98%, 89%, 100%
CMY	0.0235, 0.1098, 0.0000
CMYK	0.02, 0.11, 0.00, 0.00
HSL	287°, 100%, 95%
HSV	287°, 11%, 100%
XYZ	84.5860, 82.2979, 106.0347
YIQ	236.7700, 4.1240, 13.3720

# Conversions

## Conversions Part 2

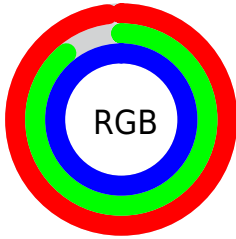
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 227, 255
Decimal	16376831
CIE Lab	92.71, 12.38, -10.82
CIE LCh	93, 16.438, 318.852
Yxy	82.2979, 0.3099, 0.3015
Android (android.graphics.Color)	4294566911 (0xFFFF9E3FF)
YUV	236.7700, 8.9874, 10.7257
Hunter-Lab	90.7182, 7.6773, -5.7975

# Details

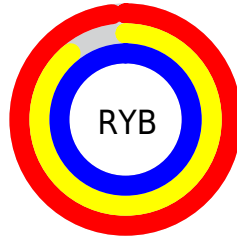
The Decimal color **16376831** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **15335395**, and the grayscale version is **15592941**.

A 20% lighter version of the original color is **16777215**, and **12627142** is the 20% darker color. If you saturate the color by 10%, you get **16042751**, and if you desaturate by 10%, it is **16710911**.

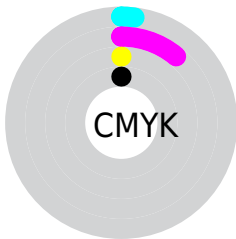
# Distribution



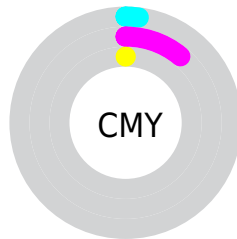
- Red (98%)
- Green (89%)
- Blue (100%)



- Red (98%)
- Yellow (89%)
- Blue (100%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16376831 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 16376831 by changing the saturation by 10% instead.



16376831

16376831

16777215

14469090

12627142

10850731

9140112

7430007

5850974

4272198

2825008

1573147

 16376831

 16376831

 16042751

 16710911

 15642879

16777215

 15308543


 14908927

 14574591

 14174975

 13840895

 13441023

 13107455

# Harmonies

## Analogous

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



15132927



16376831



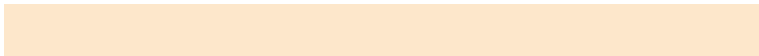
16769265

# Triad

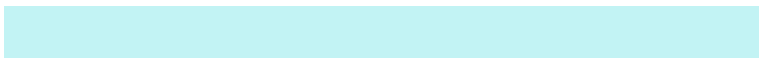
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16376831



16639947



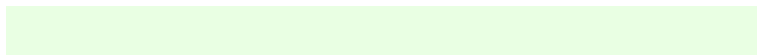
12776436

# Complementary

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



16376831



15335395

# 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.



13300707



16376831



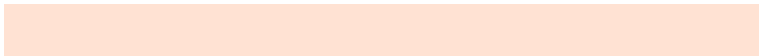
15527116

# Square

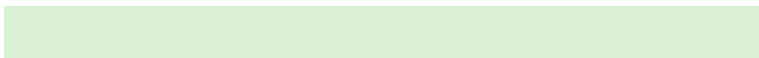
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16376831



16769747



14348501



12972543

# Rectangle

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



16376831



16768998



14348501



12907758

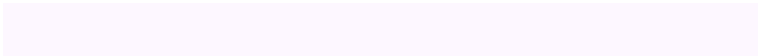


# Sweetspot

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



16376831



16644095



14936575



8288896



0



8421504



# Same Dimension

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



16376831



16310015



16770039



8221568



9830591



3276864



# Inverse Universe

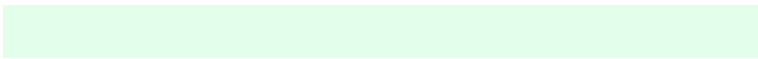
The Inverse Universe completely reimagines the original color for something new.



16770025



16768741



14942187



8418165



12517417

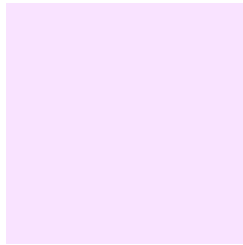


4194318



# Previews

## White Background



This preview shows how the Decimal color 16376831 looks on a white background.

## Color Contrast Check

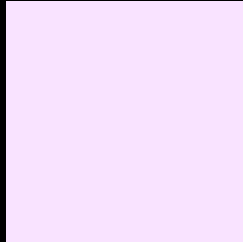
Large Text (above 18pt) WCAG AA × Fail

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 16376831 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

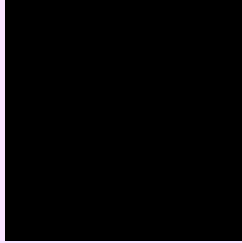
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

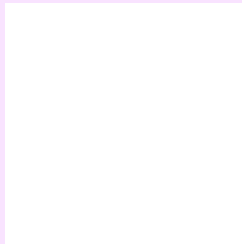
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16376831 Background



This preview shows how black text looks on a background with the Decimal color 16376831.




This preview shows how white text looks on a background with the Decimal color 16376831.

# 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

	<b>Original Color</b> 16376831
	<b>Protanopia</b> 15264255
	<b>Deuteranopia</b> 16246015



**Tritanopia**  
16311542

# Trichromacy



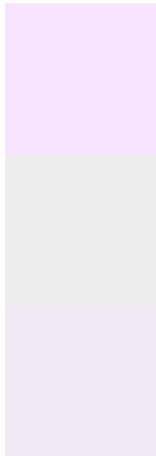
**Original Color**  
16376831

**Protanomaly**  
15656959

**Deuteranomaly**  
16311551

**Tritanomaly**  
16311545

# Monochromacy



**Original Color**  
16376831

**Achromatopsia**  
15592941

**Achromatomaly**  
15854068

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16376831 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 #F9E3FF looks like.

```
.text, #text, p{  
    color:#F9E3FF  
}
```

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 #F9E3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9E3FF
}
```

## Border

The CSS property to change the border of an element to Decimal 16376831 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
#F9E3FF }
```

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

```
.border{ border-color:#F9E3FF }
```

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

Here you see how a box with a 4 pixel #F9E3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9E3FF; -webkit-box-shadow:4px 4px  
4px 4px #F9E3FF; box-shadow:4px 4px 4px  
4px #F9E3FF }
```

# Background

The CSS property to change the background color of an element to Decimal 16376831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9E3FF }
```

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

```
.background{ background-color:#F9E3FF }
```

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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