

# Converting Colors

Decimal(16106751)

Have a look what the booklet for  
Decimal(16106751) contains.

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# **Color**

**Decimal(16106751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C4FF
RGB	245, 196, 255
RGB Percent	96%, 77%, 100%
CMY	0.0392, 0.2314, 0.0000
CMYK	0.04, 0.23, 0.00, 0.00
HSL	290°, 100%, 88%
HSV	290°, 23%, 100%
XYZ	75.4461, 66.1123, 103.3923
YIQ	217.3770, 10.2650, 28.7370

# Conversions

## Conversions Part 2

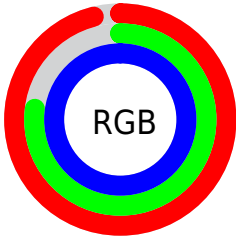
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 196, 255
Decimal	16106751
CIE Lab	85.05, 27.38, -22.35
CIE LCh	85, 35.340, 320.772
Yxy	66.1123, 0.3080, 0.2699
Android (android.graphics.Color)	4294296831 (0xFFFF5C4FF)
YUV	217.3770, 18.5481, 24.2254
Hunter-Lab	81.3095, 23.3364, -18.4759

# Details

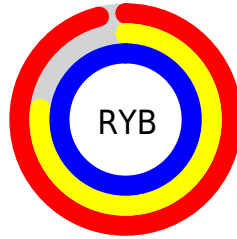
The Decimal color **16106751** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **13565892**, and the grayscale version is **14277081**.

A 20% lighter version of the original color is **16776703**, and **12357318** is the 20% darker color. If you saturate the color by 10%, you get **15838207**, and if you desaturate by 10%, it is **16375551**.

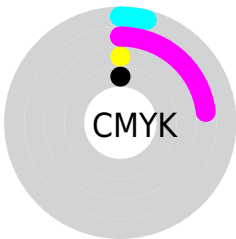
# Distribution



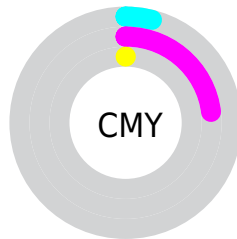
- Red (96%)
- Green (77%)
- Blue (100%)



- Red (96%)
- Yellow (77%)
- Blue (100%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)















- Cyan (4%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16106751 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 16106751 by changing the saturation by 10% instead.



 16106751	 16106751
16777215	 14199266
 16776703	 12357318
	 10581163
	 8805264
	 7095158
	 5450846
	 3872070
	 2424879
	 26

 16106751

 16106751

 15838207

 16375551

 15503871

 16709631

 15235327

16777215

 14966527

 14632447

 14363647

 14095103

 13893887

# Harmonies

## Analogous

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



13357311



16106751



16760288

# Triad

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



16106751



16109459



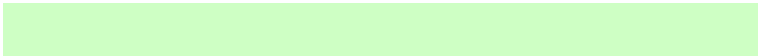
7137259

# Complementary

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



16106751



13565892

# 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.



8906441



16106751



13949589

# Square

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



16106751



16762018



11461289



7463935

# Rectangle

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



16106751



16760009



11461289



7530464



# Sweetspot

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



16106751



16575999



12898303



8287616



0



8421504



# Same Dimension

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



16106751



15972607



16762092



8221568



10420415



3473472



# Inverse Universe

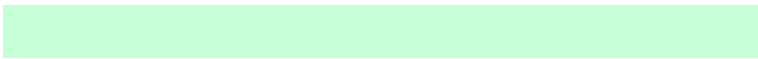
The Inverse Universe completely reimagines the original color for something new.



16762062



16758980



12910551



8418165



12517408



4194315



# Previews

## White Background



This preview shows how the Decimal color 16106751 looks on a white background.

## Color Contrast Check

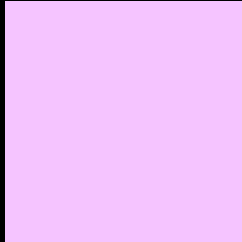
Large Text (above 18pt) WCAG AA × Fail

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 16106751 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 16106751 Background



This preview shows how black text looks on a background with the Decimal color 16106751.



This preview shows how white text looks on a background with the Decimal color 16106751.

# 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**  
16106751

**Protanopia**  
13292543

**Deuteranopia**  
14078205



**Tritanopia**  
15780826

# Trichromacy



**Original Color**  
16106751



**Protanomaly**  
14339839



**Deuteranomaly**  
14798078

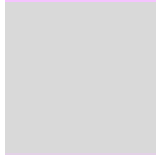


**Tritanomaly**  
15911143

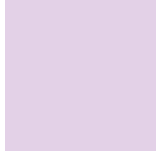
# Monochromacy



**Original Color**  
16106751



**Achromatopsia**  
14277081



**Achromatomaly**  
14930407

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16106751 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 #F5C4FF looks like.

```
.text, #text, p{  
    color:#F5C4FF  
}
```

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 #F5C4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5C4FF }  
}
```

## Border

The CSS property to change the border of an element to Decimal 16106751 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 #F5C4FF }  
}
```

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

```
.border{ border-color:#F5C4FF }
```

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

Here you see how a box with a 4 pixel #F5C4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5C4FF; -webkit-box-shadow:4px 4px  
4px 4px #F5C4FF; box-shadow:4px 4px 4px  
4px #F5C4FF }
```

# Background

The CSS property to change the background color of an element to Decimal 16106751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5C4FF }
```

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

```
.background{ background-color:#F5C4FF }
```

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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