

# Converting Colors

Decimal(16766463)

Have a look what the booklet for  
Decimal(16766463) contains.

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# **Color**

**Decimal(16766463)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD5FF
RGB	255, 213, 255
RGB Percent	100%, 84%, 100%
CMY	0.0000, 0.1647, 0.0000
CMYK	0.00, 0.16, 0.00, 0.00
HSL	300°, 100%, 92%
HSV	300°, 16%, 100%
XYZ	83.0842, 76.0685, 104.9114
YIQ	230.3460, 11.5500, 21.9660

# Conversions

## Conversions Part 2

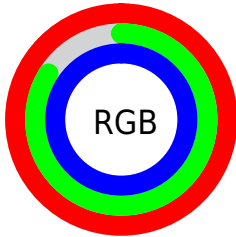
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 213, 255
Decimal	16766463
CIE <sub>Lab</sub>	89.89, 21.65, -14.97
CIE <sub>LCh</sub>	90, 26.319, 325.341
Y <sub>xy</sub>	76.0685, 0.3146, 0.2881
Android (android.graphics.Color)	4294956543 (0xFFFFD5FF)
Y <sub>UV</sub>	230.3460, 12.1544, 21.6216
Hunter-Lab	87.2173, 17.4111, -10.2664

# Details

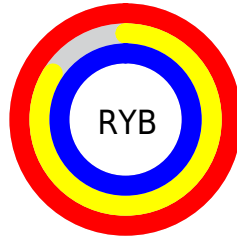
The Decimal color **16766463** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **14024661**, and the grayscale version is **15132390**.

A 20% lighter version of the original color is **16777215**, and **13016774** is the 20% darker color. If you saturate the color by 10%, you get **16760063**, and if you desaturate by 10%, it is **16773119**.

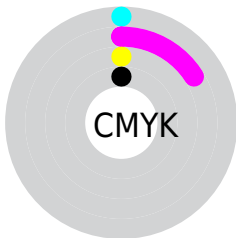
# Distribution



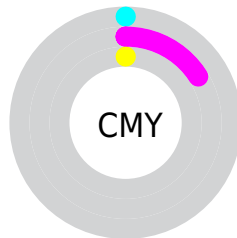
- Red (100%)
- Green (84%)
- Blue (100%)



- Red (100%)
- Yellow (84%)
- Blue (100%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16766463 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 16766463 by changing the saturation by 10% instead.




 16766463

 16766463

16777215

 14858722

 13016774

 11175083

 9464464

 7754359

 6109790

 4531270

 3018544

 1835035

 16766463

 16766463

 16760063

 16773119

 16753407

16777215

 16747007

 16740351

 16733951

 16727295

 16720639

 16714239

 16711935

# Harmonies

## Analogous

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



14802431



16766463



16765159

# Triad

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



16766463



16375728



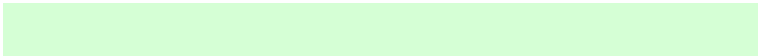
10285303

# Complementary

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



16766463



14024661

# 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.



11071709



16766463



14608308

# Square

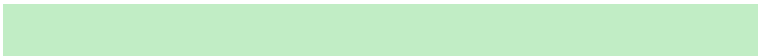
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16766463



16766906



12709317



10808575

# Rectangle

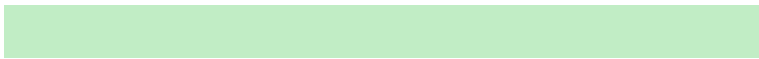
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16766463



16765142



12709317



10416366



# Sweetspot

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



16766463



16773887



14013951



8419456



0



8421504



# Same Dimension

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



16766463



16764159



16766442



8418176



12517567



4194368



# Inverse Universe

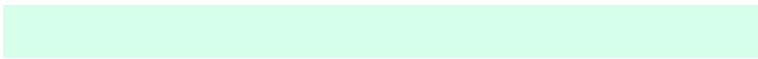
The Inverse Universe completely reimagines the original color for something new.



16766463



16764159



14024682



8418176



12517567



4194368



# Previews

## White Background



This preview shows how the Decimal color 16766463 looks on a white background.

## Color Contrast Check

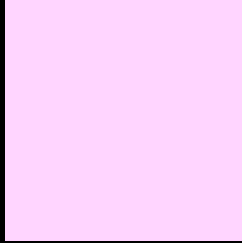
Large Text (above 18pt) WCAG AA × Fail

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 16766463 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 16766463 Background



This preview shows how black text looks on a background with the Decimal color 16766463.



This preview shows how white text looks on a background with the Decimal color 16766463.

# 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**  
16570858

# Trichromacy



**Original Color**  
16766463



**Protanomaly**  
15326719



**Deuteranomaly**  
15915518

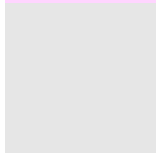


**Tritanomaly**  
16636146

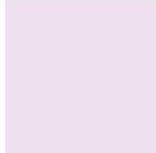
# Monochromacy



**Original Color**  
16766463



**Achromatopsia**  
15132390



**Achromatomaly**  
15720687

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16766463 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 #FFD5FF looks like.

```
.text, #text, p{  
    color:#FFD5FF  
}
```

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 #FFD5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD5FF }
}
```

## Border

The CSS property to change the border of an element to Decimal 16766463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

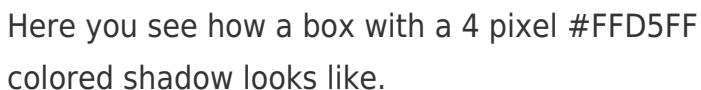
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #FFD5FF }
```

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

```
.border{ border-color:#FFD5FF }
```

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



Here you see how a box with a 4 pixel #FFD5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD5FF; -webkit-box-shadow:4px 4px  
4px 4px #FFD5FF; box-shadow:4px 4px 4px  
4px #FFD5FF }
```

# Background

The CSS property to change the background color of an element to Decimal 16766463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD5FF }
```

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

```
.background{ background-color:#FFD5FF }
```

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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