

# Converting Colors

Decimal(16756223)

Have a look what the booklet for  
Decimal(16756223) contains.

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# **Color**

**Decimal(16756223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFADFF
RGB	255, 173, 255
RGB Percent	100%, 68%, 100%
CMY	0.0000, 0.3216, 0.0000
CMYK	0.00, 0.32, 0.00, 0.00
HSL	300°, 100%, 84%
HSV	300°, 32%, 100%
XYZ	74.2336, 58.3671, 101.9612
YIQ	206.8660, 22.5500, 42.8860

# Conversions

## Conversions Part 2

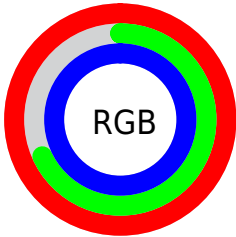
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 173, 255</a>
Decimal	<a href="#">16756223</a>
CIELab	<a href="#">80.94, 42.60, -28.53</a>
CIElCh	<a href="#">81, 51.272, 326.194</a>
Yxy	<a href="#">58.3671, 0.3165, 0.2488</a>
Android (android.graphics.Color)	<a href="#">4294946303 (0xFFFFADFF)</a>
YUV	<a href="#">206.8660, 23.7301, 42.2135</a>
Hunter-Lab	<a href="#">76.3984, 39.7449, -25.6495</a>

# Details

The Decimal color **16756223** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **11403181**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **16770559**, and **12941254** is the 20% darker color. If you saturate the color by 10%, you get **16749567**, and if you desaturate by 10%, it is **16762879**.

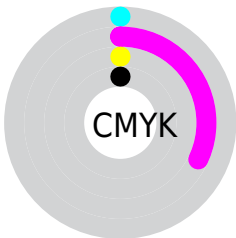
# Distribution



- Red (100%)
- Green (68%)
- Blue (100%)



- Red (100%)
- Yellow (68%)
- Blue (100%)



- Cyan (0%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16756223 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 16756223 by changing the saturation by 10% instead.



 16756223

 16756223

16777215

 14848738

 16770559

 12941254

 11099563

 9323664

 7547510

 5836381

 4194373

 2752559

 25

 16756223

 16756223

 16749567

 16762879

 16743167

 16769279

 16736767

 16775935

 16730111

16777215

 16723711

 16717055

 16711935

# Harmonies

## Analogous

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



12894207



16756223



16753361

# Triad

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



16756223



15516776



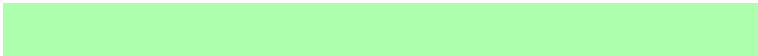
57842

# Complementary

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



16756223



11403181

# 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.



2613697



16756223



12374896

# Square

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



16756223



16757627



8576402



56575

# Rectangle

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



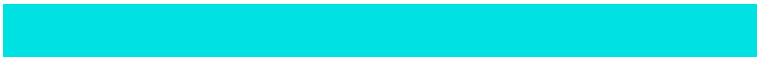
16756223



16753585



8576402



58082



# Sweetspot

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



16756223



16770815



11382271



8417408



0



8421504



# Same Dimension

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



16756223



16751871



16756182



8418176



12517567



4194368



# Inverse Universe

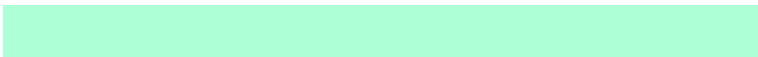
The Inverse Universe completely reimagines the original color for something new.



16756223



16751871



11403222



8418176



12517567



4194368



# Previews

## White Background



This preview shows how the Decimal color 16756223 looks on a white background.

## Color Contrast Check

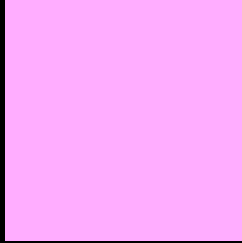
Large Text (above 18pt) WCAG AA × Fail

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 16756223 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

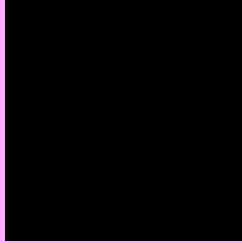
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16756223 Background



This preview shows how black text looks on a background with the Decimal color 16756223.




This preview shows how white text looks on a background with the Decimal color 16756223.

# 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**  
16234694

# Trichromacy



**Original Color**  
16756223



**Protanomaly**  
13876991



**Deuteranomaly**  
14269692



**Tritanomaly**  
16430299

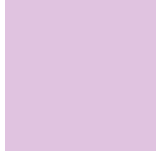
# Monochromacy



**Original Color**  
16756223



**Achromatopsia**  
13619151



**Achromatomaly**  
14730208

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16756223 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 #FFADFF looks like.

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

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 #FFADFF colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 16756223 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
#FFADFF }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 16756223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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