

# Converting Colors

Decimal(16711856)

Have a look what the booklet for  
Decimal(16711856) contains.

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**Color**

**Decimal(16711856)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF00B0
RGB	255, 0, 176
RGB Percent	100%, 0%, 69%
CMY	0.0000, 1.0000, 0.3098
CMYK	0.00, 1.00, 0.31, 0.00
HSL	319°, 100%, 50%
HSV	319°, 100%, 100%
XYZ	49.0765, 24.3946, 43.1963
YIQ	96.3090, 95.4840, 108.7960

# Conversions

## Conversions Part 2

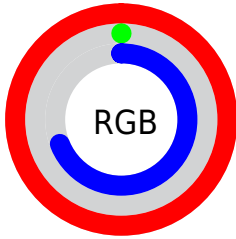
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 0, 176
Decimal	16711856
CIE <sub>Lab</sub>	56.48, 88.71, -21.99
CIE <sub>LCh</sub>	56, 91.395, 346.077
Yxy	24.3946, 0.4207, 0.2091
Android (android.graphics.Color)	4294901936 (0xFFFF00B0)
YUV	96.3090, 39.2877, 139.1720
Hunter-Lab	49.3909, 90.9297, -17.2803

# Details

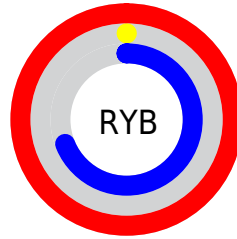
The Decimal color **16711856** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **65359**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **16738024**, and **12648571** is the 20% darker color. If you saturate the color by 10%, you get **16711856**, and if you desaturate by 10%, it is **16718264**.

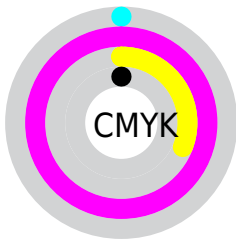
# Distribution



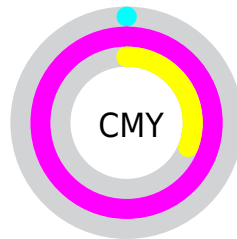
- Red (100%)
- Green (0%)
- Blue (69%)



- Red (100%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (0%)


















- Cyan (0%)
- Magenta (100%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16711856 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 16711856 by changing the saturation by 10% instead.



 16711856	 16711856
16777215	 14680213
 16738024	 12648571
 16746239	 10616930
 16754175	 8650826
 16762111	 6619187
 16770047	 4784158
	 2818049
	 0

 16711856

 16718264

 16724928

 16731592

 16738000

 16744664

 16751071

 16757735

 16764143

 16770807

# Harmonies

## Analogous

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



12343544



16711856



16711777

# Triad

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



16711856



8229120



42746

# Complementary

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



16711856



65359

# 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.



43186



16711856



40704

# Square

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



16711856



12809728



42590



40191

# Rectangle

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



16711856



16725293



42590



43236



# Sweetspot

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



16711856



16757735



4980991



8409713



0



8421504



# Same Dimension

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



16711856



16711731



8418172



12517508



4194348

# Inverse Universe

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



16711856



65484



8418172



12517508



4194348

# Previews

## White Background



This preview shows how the Decimal color 16711856 looks on a white background.

## Color Contrast Check

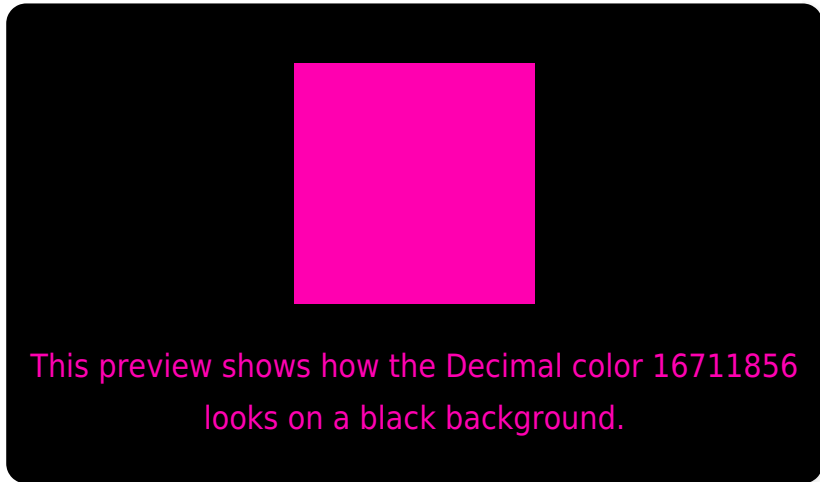
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 × Fail

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

## Decimal 16711856 Background



This preview shows how black text looks on a background with the Decimal color 16711856.



This preview shows how white text looks on a background with the Decimal color 16711856.

# 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







# Trichromacy



**Original Color**  
16711856



**Protanomaly**  
9328096



**Deuteranomaly**  
11752872



**Tritanomaly**  
16460910

# Monochromacy



**Original Color**  
16711856



**Achromatopsia**  
6316128



**Achromatomaly**  
10108285

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16711856 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 #FF00B0 looks like.

```
.text, #text, p{  
    color:#FF00B0  
}
```

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 #FF00B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF00B0
}
```

## Border

The CSS property to change the border of an element to Decimal 16711856 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
#FF00B0 }
```

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

```
.border{ border-color:#FF00B0 }
```

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

Here you see how a box with a 4 pixel #FF00B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF00B0; -webkit-box-shadow:4px 4px  
4px 4px #FF00B0; box-shadow:4px 4px 4px  
4px #FF00B0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16711856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF00B0 }
```

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

```
.background{ background-color:#FF00B0 }
```

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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