

# Converting Colors

Decimal(16713133)

Have a look what the booklet for  
Decimal(16713133) contains.

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**Color**

**Decimal(16713133)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF05AD
RGB	255, 5, 173
RGB Percent	100%, 2%, 68%
CMY	0.0000, 0.9804, 0.3216
CMYK	0.00, 0.98, 0.32, 0.00
HSL	320°, 100%, 51%
HSV	320°, 98%, 100%
XYZ	48.8371, 24.3857, 41.6681
YIQ	98.9020, 95.0720, 105.2480

# Conversions

## Conversions Part 2

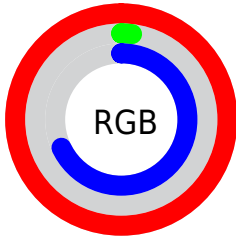
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 5, 173
Decimal	16713133
CIE <sub>Lab</sub>	56.47, 88.09, -20.25
CIE <sub>LCh</sub>	56, 90.393, 347.053
Yxy	24.3857, 0.4251, 0.2123
Android (android.graphics.Color)	4294903213 (0xFFFF05AD)
YUV	98.9020, 36.5303, 136.8979
Hunter-Lab	49.3819, 90.1126, -15.4612

# Details

The Decimal color **16713133** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **393047**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **16738021**, and **12648569** is the 20% darker color. If you saturate the color by 10%, you get **16711851**, and if you desaturate by 10%, it is **16719797**.

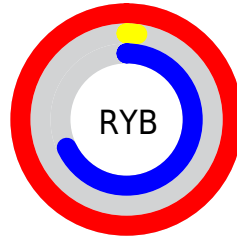
# Distribution



Red (100%)

Green (2%)

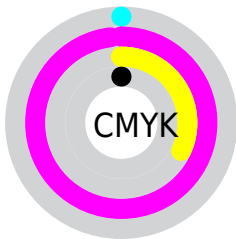
Blue (68%)



Red (100%)

Yellow (2%)

Blue (68%)

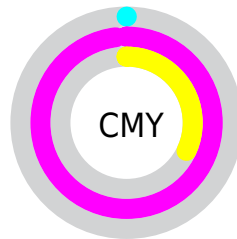


Cyan (0%)

Magenta (98%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (98%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16713133 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 16713133 by changing the saturation by 10% instead.



 16713133

 16713133

16777215

 14680210

 16738021

 12648569

 16746495

 10616928

 16754431

 8585288

 16762367

 6619185

 16770047

 4718620

 2752513

 0

 16713133

 16713133

■ 16711851

■ 16719797

■ 16726206

■ 16732870

■ 16739278

■ 16745943

■ 16752351

■ 16759016

■ 16765424

■ 16772088

# Harmonies

## Analogous

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



12539892



16713133



16711775

# Triad

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



16713133



8098304



42747

# Complementary

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



16713133



393047

# 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.



43188



16713133



40704

# Square

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



16713133



12613632



42593



39935

# Rectangle

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



16713133



16726316



42593



42981



# Sweetspot

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



16713133



16758247



5506559



8409969



0



8421504



# Same Dimension

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



16713133



16711851



16713011



8418171



12517505



4194347



# Inverse Universe

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



16713133



16711851



393169



8418171



12517505



4194347



# Previews

## White Background



This preview shows how the Decimal color 16713133 looks on a white background.

## Color Contrast Check

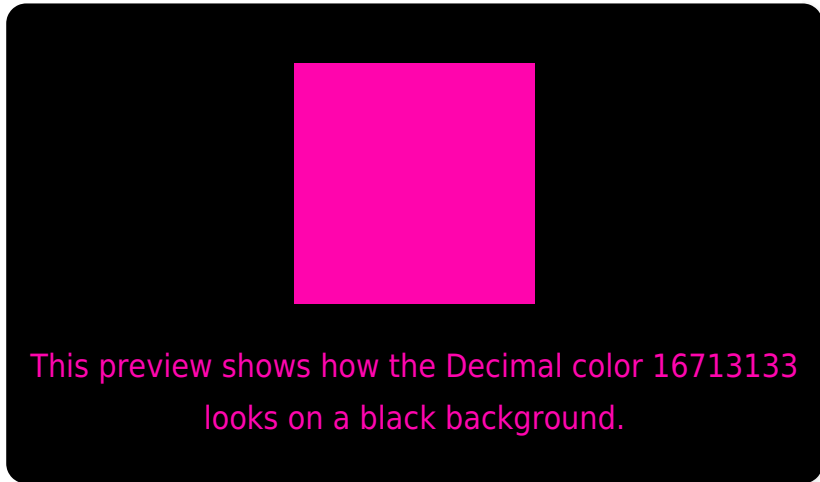
Large Text (above 18pt) WCAG AA ✓ Pass

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 16713133 Background



This preview shows how black text looks on a background with the Decimal color 16713133.



This preview shows how white text looks on a background with the Decimal color 16713133.

# 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**  
16270407

# Trichromacy



**Original Color**  
16713133



**Protanomaly**  
9459420



**Deuteranomaly**  
11884197



**Tritanomaly**  
16461164

# Monochromacy



**Original Color**  
16713133



**Achromatopsia**  
6513507



**Achromatomaly**  
10240382

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16713133 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 #FF05AD looks like.

```
.text, #text, p{  
    color:#FF05AD  
}
```

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 #FF05AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF05AD
}
```

## Border

The CSS property to change the border of an element to Decimal 16713133 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
#FF05AD }
```

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

```
.border{ border-color:#FF05AD }
```

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

Here you see how a box with a 4 pixel #FF05AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF05AD; -webkit-box-shadow:4px 4px  
4px 4px #FF05AD; box-shadow:4px 4px 4px  
4px #FF05AD }
```

# Background

The CSS property to change the background color of an element to Decimal 16713133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF05AD }
```

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

```
.background{ background-color:#FF05AD }
```

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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