

# Converting Colors

Decimal(16713846)

Have a look what the booklet for  
Decimal(16713846) contains.

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**Color**

**Decimal(16713846)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF0876
RGB	255, 8, 118
RGB Percent	100%, 3%, 46%
CMY	0.0000, 0.9686, 0.5373
CMYK	0.00, 0.97, 0.54, 0.00
HSL	333°, 100%, 52%
HSV	333°, 97%, 100%
XYZ	44.5968, 22.7417, 19.1786
YIQ	94.3930, 111.9020, 86.5740

# Conversions

## Conversions Part 2

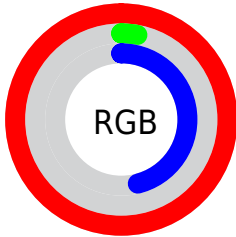
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 8, 118
Decimal	16713846
CIE <sub>Lab</sub>	54.81, 83.34, 9.97
CIE <sub>LCh</sub>	55, 83.929, 6.820
Yxy	22.7417, 0.5155, 0.2629
Android (android.graphics.Color)	4294903926 (0xFFFF0876)
YUV	94.3930, 11.6383, 140.8523
Hunter-Lab	47.6882, 83.4744, 9.5373

# Details

The Decimal color **16713846** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **589713**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **16737706**, and **12517446** is the 20% darker color. If you saturate the color by 10%, you get **16711794**, and if you desaturate by 10%, it is **16720260**.

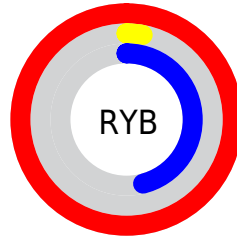
# Distribution



Red (100%)

Green (3%)

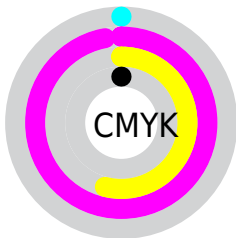
Blue (46%)



Red (100%)

Yellow (3%)

Blue (46%)

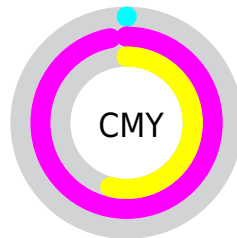


Cyan (0%)

Magenta (97%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (97%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16713846 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 16713846 by changing the saturation by 10% instead.



 16713846

 16713846

16777215

 14614622

 16737706

 12517446

 16745925

 10420273

 16753633

 8388637

 16761597

 6356996

 16769535

 4325379

 2097153

 0

 16713846

 16713846

■ 16711794

■ 16720260

■ 16726930

■ 16733600

■ 16740015

■ 16746685

■ 16753099

■ 16759769

■ 16766183

■ 16772853

# Harmonies

## Analogous

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



14955966



16713846



15941167

# Triad

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



16713846



4036096



39679

# Complementary

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



16713846



589713

# 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.



41433



16713846



40517

# Square

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



16713846



9471488



41618



35071

# Rectangle

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



16713846



14376192



41618



40445



# Sweetspot

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



16713846



16758230



9439487



8409959



0



8421504



# Same Dimension

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



16713846



16711794



16716808



8418168



12517461



4194332



# Inverse Universe

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



16713846



16711794



586751



8418168



12517461



4194332



# Previews

## White Background



This preview shows how the Decimal color 16713846 looks on a white background.

## Color Contrast Check

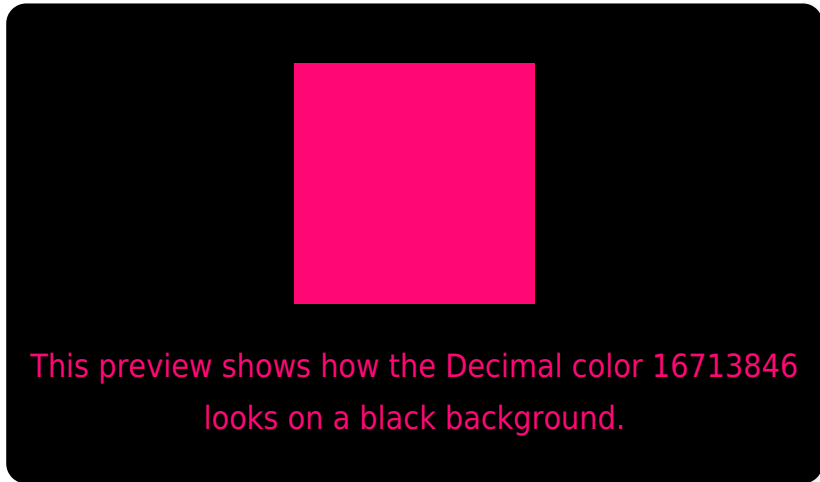
Large Text (above 18pt) WCAG AA ✓ Pass

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 16713846 Background



This preview shows how black text looks on a background with the Decimal color 16713846.



This preview shows how white text looks on a background with the Decimal color 16713846.

# 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**  
16713846



**Protanomaly**  
11163288



**Deuteranomaly**  
12473455



**Tritanomaly**  
16589129

# Monochromacy



**Original Color**  
16713846



**Achromatopsia**  
6184542



**Achromatomaly**  
10043239

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16713846 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 #FF0876 looks like.

```
.text, #text, p{  
    color:#FF0876  
}
```

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 #FF0876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0876  
}
```

## Border

The CSS property to change the border of an element to Decimal 16713846 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  
#FF0876 }
```

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

```
.border{ border-color:#FF0876 }
```

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

Here you see how a box with a 4 pixel #FF0876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0876; -webkit-box-shadow:4px 4px  
4px 4px #FF0876; box-shadow:4px 4px 4px  
4px #FF0876 }
```

# Background

The CSS property to change the background color of an element to Decimal 16713846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0876 }
```

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

```
.background{ background-color:#FF0876 }
```

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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