

# Converting Colors

Decimal(16740863)

Have a look what the booklet for  
Decimal(16740863) contains.

<b>Decimal(16740863)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16740863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF71FF
RGB	255, 113, 255
RGB Percent	100%, 44%, 100%
CMY	0.0000, 0.5569, 0.0000
CMYK	0.00, 0.56, 0.00, 0.00
HSL	300°, 100%, 72%
HSV	300°, 56%, 100%
XYZ	65.1951, 40.2903, 98.9484
YIQ	171.6460, 39.0500, 74.2660

# Conversions

## Conversions Part 2

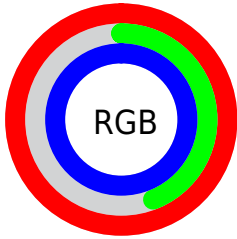
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 113, 255</a>
Decimal	<a href="#">16740863</a>
CIELab	<a href="#">69.68, 71.66, -46.01</a>
CIElCh	<a href="#">70, 85.160, 327.301</a>
Yxy	<a href="#">40.2903, 0.3189, 0.1971</a>
Android (android.graphics.Color)	<a href="#">4294930943 (0xFFFF71FF)</a>
YUV	<a href="#">171.6460, 41.0935, 73.1015</a>
Hunter-Lab	<a href="#">63.4746, 72.2578, -47.9929</a>

# Details

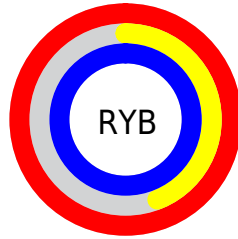
The Decimal color **16740863** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **7470961**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16755711**, and **12793030** is the 20% darker color. If you saturate the color by 10%, you get **16734463**, and if you desaturate by 10%, it is **16747519**.

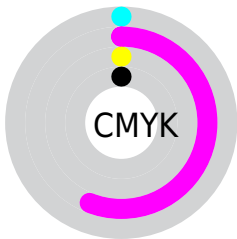
# Distribution



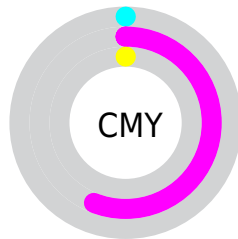
- Red (100%)
- Green (44%)
- Blue (100%)



- Red (100%)
- Yellow (44%)
- Blue (100%)



- Cyan (0%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16740863 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 16740863 by changing the saturation by 10% instead.



 16740863

 16740863

16777215

 14767330

 16755711

 12793030

 16763135

 10879658

 16770815

 8978575

 7143541

 5308508

 3670084

 1638444

 278

■ 16740863

■ 16740863

■ 16734463

■ 16747519

■ 16727807

■ 16753919

■ 16721151

■ 16760575

■ 16714751

■ 16766975

■ 16711935

■ 16773631

16777215

# Harmonies

## Analogous

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



9804287



16740863



16732853

# Triad

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



16740863



13804800



52463

# Complementary

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



16740863



7470961

# 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.



52385



16740863



8894976

# Square

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



16740863



16745500



50768



50943

# Rectangle

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



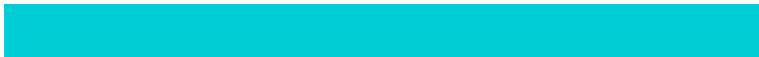
16740863



16733825



50768



52694



# Sweetspot

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



16740863



16766207



7434751



8414848



0



8421504



# Same Dimension

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



16740863



16733439



16740792



8418176



12517567



4194368



# Inverse Universe

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



16740863



16733439



7471032



8418176



12517567



4194368



# Previews

## White Background



This preview shows how the Decimal color 16740863 looks on a white background.

## Color Contrast Check

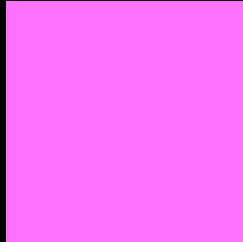
Large Text (above 18pt) WCAG AA × Fail

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 16740863 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

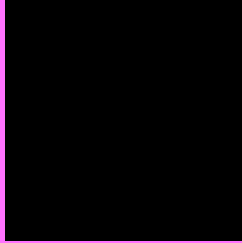
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16740863 Background



This preview shows how black text looks on a background with the Decimal color 16740863.



This preview shows how white text looks on a background with the Decimal color 16740863.

# 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**  
15895703

# Trichromacy



**Original Color**  
16740863



**Protanomaly**  
11900159



**Deuteranomaly**  
11965945



**Tritanomaly**  
16220861

# Monochromacy



**Original Color**  
16740863



**Achromatopsia**  
11316396



**Achromatomaly**  
13277130

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16740863 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 #FF71FF looks like.

```
.text, #text, p{  
    color:#FF71FF  
}
```

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 #FF71FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF71FF }  
}
```

## Border

The CSS property to change the border of an element to Decimal 16740863 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 #FF71FF }  
}
```

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

```
.border{ border-color:#FF71FF }
```

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

Here you see how a box with a 4 pixel #FF71FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF71FF; -webkit-box-shadow:4px 4px  
4px 4px #FF71FF; box-shadow:4px 4px 4px  
4px #FF71FF }
```

# Background

The CSS property to change the background color of an element to Decimal 16740863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF71FF }
```

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

```
.background{ background-color:#FF71FF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor