

# Converting Colors

Decimal(16742106)

Have a look what the booklet for  
Decimal(16742106) contains.

<b>Decimal(16742106)</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(16742106)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF76DA
RGB	255, 118, 218
RGB Percent	100%, 46%, 85%
CMY	0.0000, 0.5373, 0.1451
CMYK	0.00, 0.54, 0.15, 0.00
HSL	316°, 100%, 73%
HSV	316°, 54%, 100%
XYZ	60.3733, 39.2788, 70.7292
YIQ	170.3630, 49.5520, 60.1440

# Conversions

## Conversions Part 2

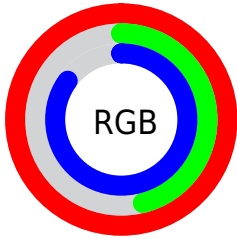
Format	Color
R <sub>Y</sub> B	255, 118, 218
Decimal	16742106
CIE Lab	68.95, 63.63, -26.74
CIE LCh	69, 69.021, 337.205
Yxy	39.2788, 0.3543, 0.2305
Android (android.graphics.Color)	4294932186 (0xFFFF76DA)
YUV	170.3630, 23.4850, 74.2266
Hunter-Lab	62.6728, 62.2733, -23.0406

# Details

The Decimal color **16742106** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7798683**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **16756735**, and **12795043** is the 20% darker color. If you saturate the color by 10%, you get **16735699**, and if you desaturate by 10%, it is **16748769**.

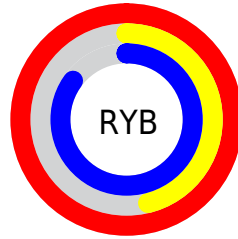
# Distribution



Red (100%)

Green (46%)

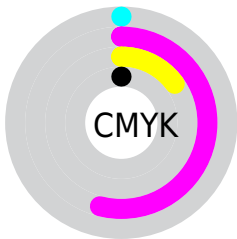
Blue (85%)



Red (100%)

Yellow (46%)

Blue (85%)

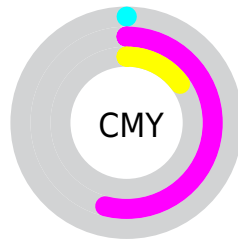


Cyan (0%)

Magenta (54%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (54%)















Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16742106 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 16742106 by changing the saturation by 10% instead.



 16742106	 16742106
16777215	 14768830
 16756735	 12795043
 16764159	 10885512
 16771583	 9044079
	 7209046
	 5374015
	 3801129
	 1638418
	 0

■ 16742106

■ 16742106

■ 16735699

■ 16748769

■ 16729036

■ 16755176

■ 16722629

■ 16761839

■ 16715966

■ 16768246

■ 16711866

■ 16774908

16777215

# Harmonies

## Analogous

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



12489215



16742106



16739228

# Triad

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



16742106



12233237



50418

# Complementary

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



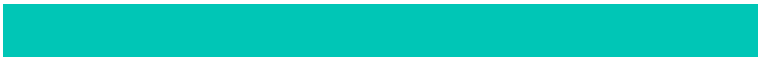
16742106



7798683

# 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.



50870



16742106



7846460

# Square

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



16742106



15635246



49781



48383

# Rectangle

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



16742106



16740979



49781



50656



# Sweetspot

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



16742106



16766708



10188543



8415097



0



8421504



# Same Dimension

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



16742106



16735443



16742038



8418172



12517516



4194351



# Inverse Universe

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



16742106



16735443



7798751



8418172



12517516



4194351



# Previews

## White Background



This preview shows how the Decimal color 16742106 looks on a white background.

## Color Contrast Check

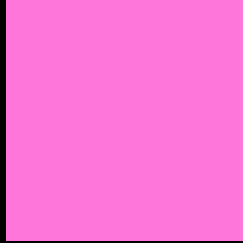
Large Text (above 18pt) WCAG AA × Fail

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 16742106 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 16742106 Background



This preview shows how black text looks on a background with the Decimal color 16742106.




This preview shows how white text looks on a background with the Decimal color 16742106.

# 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**  
16222097

# Trichromacy



**Original Color**  
16742106



**Protanomaly**  
11900402



**Deuteranomaly**  
12948693



**Tritanomaly**  
16417196

# Monochromacy



**Original Color**  
16742106



**Achromatopsia**  
11184810



**Achromatomaly**  
13211579

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16742106 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 #FF76DA looks like.

```
.text, #text, p{  
    color:#FF76DA  
}
```

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 #FF76DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF76DA
}
```

## Border

The CSS property to change the border of an element to Decimal 16742106 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
#FF76DA }
```

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

```
.border{ border-color:#FF76DA }
```

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

Here you see how a box with a 4 pixel #FF76DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF76DA; -webkit-box-shadow:4px 4px  
4px 4px #FF76DA; box-shadow:4px 4px 4px  
4px #FF76DA }
```

# Background

The CSS property to change the background color of an element to Decimal 16742106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF76DA }
```

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

```
.background{ background-color:#FF76DA }
```

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