

# Converting Colors

Decimal(16739760)

Have a look what the booklet for  
Decimal(16739760) contains.

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# **Color**

**Decimal(16739760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6DB0
RGB	255, 109, 176
RGB Percent	100%, 43%, 69%
CMY	0.0000, 0.5725, 0.3098
CMYK	0.00, 0.57, 0.31, 0.00
HSL	332°, 100%, 71%
HSV	332°, 57%, 100%
XYZ	54.5451, 35.3319, 45.0192
YIQ	160.2920, 65.5090, 51.7890

# Conversions

## Conversions Part 2

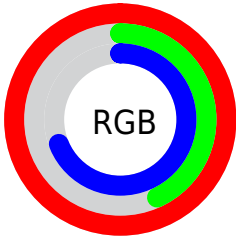
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 109, 176
Decimal	16739760
CIE <sub>Lab</sub>	66.01, 62.03, -7.61
CIE <sub>LCh</sub>	66, 62.494, 353.009
Yxy	35.3319, 0.4043, 0.2619
Android (android.graphics.Color)	4294929840 (0xFFFF6DB0)
<b>YUV</b>	160.2920, 7.7440, 83.0589
Hunter-Lab	59.4406, 59.7777, -3.2967

# Details

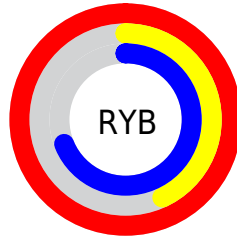
The Decimal color **16739760** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7208892**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16754408**, and **12792444** is the 20% darker color. If you saturate the color by 10%, you get **16733346**, and if you desaturate by 10%, it is **16746430**.

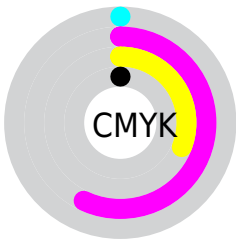
# Distribution



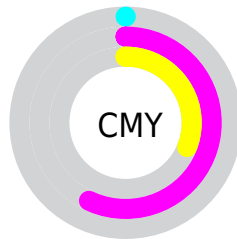
- Red (100%)
- Green (43%)
- Blue (69%)



- Red (100%)
- Yellow (43%)
- Blue (69%)



- Cyan (0%)
- Magenta (57%)
- Yellow (31%)
- Black (0%)

















- Cyan (0%)
- Magenta (57%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16739760 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 16739760 by changing the saturation by 10% instead.



 16739760	 16739760
16777215	 14766229
 16754408	 12792444
 16761855	 10814819
 16769279	 8912971
16776959	 7012404
	 5177375
	 3473412
	 262144
	 0

■ 16739760

■ 16739760

■ 16733346

■ 16746430

■ 16726676

■ 16752844

■ 16720263

■ 16759513

■ 16713593

■ 16765927

■ 16711797

■ 16772597

16777215

# Harmonies

## Analogous

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



14188517



16739760



16740216

# Triad

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



16739760



9742895



46841

# Complementary

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



16739760



7208892

# 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.



48075



16739760



4961625

# Square

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



16739760



13211942



47761



44031

# Rectangle

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



16739760



16415574



47761



47596



# Sweetspot

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



16739760



16766184



12283391



8414834



0



8421504



# Same Dimension

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



16739760



16732064



16740973



8418169



12517464



4194333



# Inverse Universe

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



16739760



16732064



7207679



8418169



12517464



4194333



# Previews

## White Background



This preview shows how the Decimal color 16739760 looks on a white background.

## Color Contrast Check

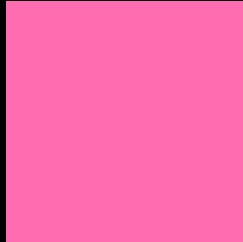
Large Text (above 18pt) WCAG AA × Fail

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 16739760 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 16739760 Background



This preview shows how black text looks on a background with the Decimal color 16739760.

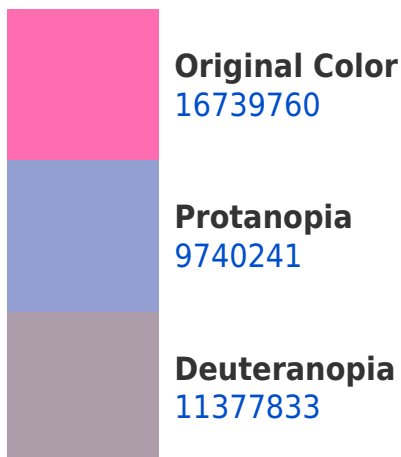


This preview shows how white text looks on a background with the Decimal color 16739760.

# 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](#).

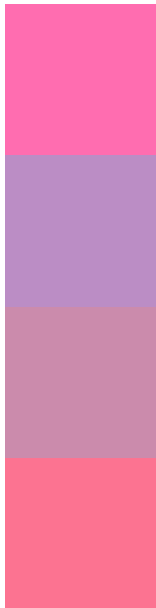
## Dichromacy





**Tritanopia**  
16480128

# Trichromacy



**Original Color**  
16739760

**Protanomaly**  
12291525

**Deuteranomaly**  
13339564

**Tritanomaly**  
16544657

# Monochromacy



**Original Color**  
16739760

**Achromatopsia**  
10526880

**Achromatomaly**  
12815782

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16739760 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 #FF6DB0 looks like.

```
.text, #text, p{  
    color:#FF6DB0  
}
```

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 #FF6DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6DB0
}
```

## Border

The CSS property to change the border of an element to Decimal 16739760 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
#FF6DB0 }
```

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

```
.border{ border-color:#FF6DB0 }
```

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

Here you see how a box with a 4 pixel #FF6DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6DB0; -webkit-box-shadow:4px 4px  
4px 4px #FF6DB0; box-shadow:4px 4px 4px  
4px #FF6DB0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16739760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6DB0 }
```

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

```
.background{ background-color:#FF6DB0 }
```

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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