

# Converting Colors

Decimal(16676761)

Have a look what the booklet for  
Decimal(16676761) contains.

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# **Color**

**Decimal(16676761)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE7799
RGB	254, 119, 153
RGB Percent	100%, 47%, 60%
CMY	0.0039, 0.5333, 0.4000
CMYK	0.00, 0.53, 0.40, 0.00
HSL	345°, 99%, 73%
HSV	345°, 53%, 100%
XYZ	53.2196, 36.5644, 34.3896
YIQ	163.2410, 69.5460, 39.1940

# Conversions

## Conversions Part 2

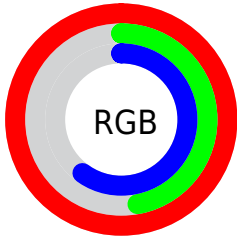
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 119, 153
Decimal	16676761
CIE <sub>Lab</sub>	66.95, 54.57, 6.81
CIE <sub>LCh</sub>	67, 54.996, 7.116
Yxy	36.5644, 0.4286, 0.2945
Android (android.graphics.Color)	4294866841 (0xFFFE7799)
YUV	163.2410, -5.0488, 79.5956
Hunter-Lab	60.4685, 51.2819, 8.6085

# Details

The Decimal color **16676761** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7864028**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16756687**, and **12664934** is the 20% darker color. If you saturate the color by 10%, you get **16670342**, and if you desaturate by 10%, it is **16683180**.

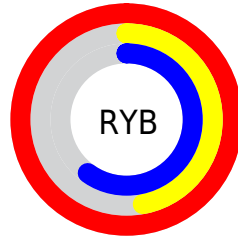
# Distribution



Red (100%)

Green (47%)

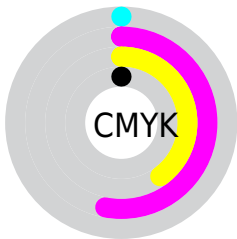
Blue (60%)



Red (100%)

Yellow (47%)

Blue (60%)

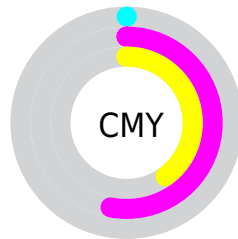


Cyan (0%)

Magenta (53%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (53%)














Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 16676761 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 16676761 by changing the saturation by 10% instead.



 16676761	 16676761
16777215	 14638207
 16756687	 12664934
 16763883	 10756430
 16771583	 8847416
	 6946851
	 5111820
	 3342338
	 0

 16676761	 16676761
--	--

■ 16670342

■ 16683180

■ 16663667

■ 16689855

■ 16657248

■ 16696274

■ 16650573

■ 16702949

■ 16646208

■ 16709368

16711679

# Harmonies

## Analogous

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



15302346



16676761



16285802

# Triad

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



16676761



8368464



45822

# Complementary

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



16676761



7864028

# 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.



47837



16676761



3127675

# Square

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



16676761



11838523



48302



6071551

# Rectangle

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



16676761



15240272



48302



46581



# Sweetspot

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



16676761



16766688



14317566



8415085



0



8421504



# Same Dimension

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



16676761



16735365



16684919



8418166



12517424



4194320



# Inverse Universe

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



16676761



16735365



7856126



8418166



12517424

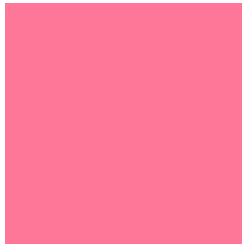


4194320



# Previews

## White Background



This preview shows how the Decimal color 16676761 looks on a white background.

## Color Contrast Check

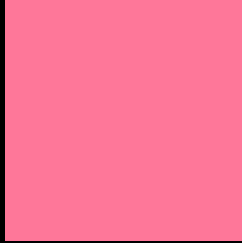
Large Text (above 18pt) WCAG AA × Fail

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 16676761 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 16676761 Background



This preview shows how black text looks on a background with the Decimal color 16676761.



This preview shows how white text looks on a background with the Decimal color 16676761.

# 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**  
16676761



**Protanomaly**  
12817065



**Deuteranomaly**  
13799317



**Tritanomaly**  
16611980

# Monochromacy



**Original Color**  
16676761



**Achromatopsia**  
10724259



**Achromatomaly**  
12882847

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16676761 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 #FE7799 looks like.

```
.text, #text, p{  
    color:#FE7799  
}
```

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 #FE7799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE7799
}
```

## Border

The CSS property to change the border of an element to Decimal 16676761 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
#FE7799 }
```

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

```
.border{ border-color:#FE7799 }
```

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

Here you see how a box with a 4 pixel #FE7799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE7799; -webkit-box-shadow:4px 4px  
4px 4px #FE7799; box-shadow:4px 4px 4px  
4px #FE7799 }
```

# Background

The CSS property to change the background color of an element to Decimal 16676761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE7799 }
```

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

```
.background{ background-color:#FE7799 }
```

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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