

# Converting Colors

Decimal(16741000)

Have a look what the booklet for  
Decimal(16741000) contains.

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# **Color**

**Decimal(16741000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7288
RGB	255, 114, 136
RGB Percent	100%, 45%, 53%
CMY	0.0000, 0.5529, 0.4667
CMYK	0.00, 0.55, 0.47, 0.00
HSL	351°, 100%, 72%
HSV	351°, 55%, 100%
XYZ	51.7012, 35.0722, 27.3372
YIQ	158.6670, 76.9740, 36.7340

# Conversions

## Conversions Part 2

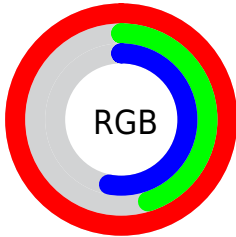
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 114, 136
Decimal	16741000
CIE Lab	65.80, 55.55, 14.87
CIE LCh	66, 57.503, 14.988
Yxy	35.0722, 0.4531, 0.3074
Android (android.graphics.Color)	4294931080 (0xFFFF7288)
YUV	158.6670, -11.1748, 84.4840
Hunter-Lab	59.2218, 52.1943, 14.0866

# Details

The Decimal color **16741000** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7536617**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16755389**, and **12728918** is the 20% darker color. If you saturate the color by 10%, you get **16734578**, and if you desaturate by 10%, it is **16747678**.

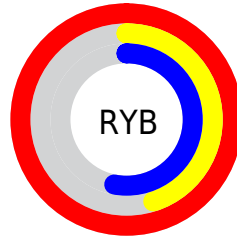
# Distribution



Red (100%)

Green (45%)

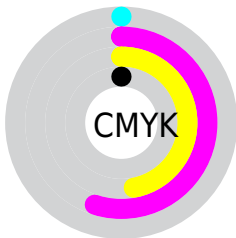
Blue (53%)



Red (100%)

Yellow (45%)

Blue (53%)

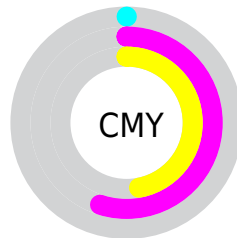


Cyan (0%)

Magenta (55%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16741000 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 16741000 by changing the saturation by 10% instead.



 16741000

 16741000

16777215

 14702191

 16755389

 12728918

 16762585

 10754367

 16770293

 8781866

 6881302

 4980736

 3145730

 0

 16741000

 16741000

■ 16734578

■ 16747678

■ 16727901

■ 16754099

■ 16721223

■ 16760777

■ 16714802

■ 16767198

■ 16711720

■ 16773876

16777215

# Harmonies

## Analogous

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



15824316



16741000



15892569

# Triad

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



16741000



6926675



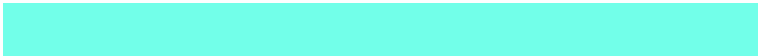
44543

# Complementary

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



16741000



7536617

# 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.



46824



16741000



46979

# Square

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



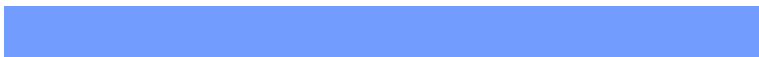
16741000



10724660



47545



7511551

# Rectangle

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



16741000



14585153



47545



45565



# Sweetspot

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



16741000



16766170



15233791



8414826



0



8421504



# Same Dimension

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



16741000



16734065



16753010



8418165



12517406



4194314



# Inverse Universe

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



16741000



16734065



7524607



8418165



12517406



4194314



# Previews

## White Background



This preview shows how the Decimal color 16741000 looks on a white background.

## Color Contrast Check

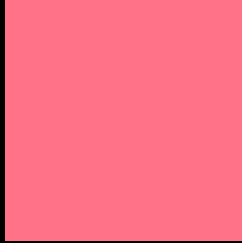
Large Text (above 18pt) WCAG AA × Fail

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 16741000 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 16741000 Background



This preview shows how black text looks on a background with the Decimal color 16741000.



This preview shows how white text looks on a background with the Decimal color 16741000.

# 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**

16741000



**Protanomaly**

12881815



**Deuteranomaly**

13863812



**Tritanomaly**

16675712

# Monochromacy



**Original Color**

16741000



**Achromatopsia**

10461087



**Achromatomaly**

12750743

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16741000 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 #FF7288 looks like.

```
.text, #text, p{  
    color:#FF7288  
}
```

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 #FF7288 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7288
}
```

## Border

The CSS property to change the border of an element to Decimal 16741000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

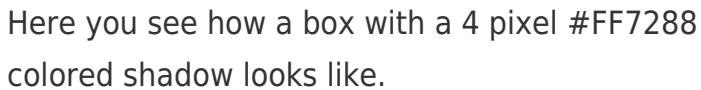
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF7288 }
```

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

```
.border{ border-color:#FF7288 }
```

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



Here you see how a box with a 4 pixel #FF7288 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7288; -webkit-box-shadow:4px 4px  
4px 4px #FF7288; box-shadow:4px 4px 4px  
4px #FF7288 }
```

# Background

The CSS property to change the background color of an element to Decimal 16741000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7288 }
```

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

```
.background{ background-color:#FF7288 }
```

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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