

# Converting Colors

Decimal(16741810)

Have a look what the booklet for  
Decimal(16741810) contains.

<b>Decimal(16741810)</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(16741810)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF75B2
RGB	255, 117, 178
RGB Percent	100%, 46%, 70%
CMY	0.0000, 0.5412, 0.3020
CMYK	0.00, 0.54, 0.30, 0.00
HSL	333°, 100%, 73%
HSV	333°, 54%, 100%
XYZ	55.6372, 37.1969, 46.3668
YIQ	165.2160, 62.6670, 48.2270

# Conversions

## Conversions Part 2

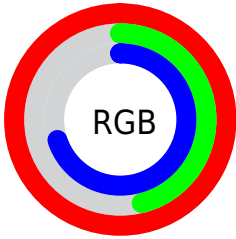
Format	Color
R <sub>Y</sub> B	255, 117, 178
Decimal	16741810
CIE Lab	67.42, 58.67, -6.63
CIE LCh	67, 59.045, 353.550
Yxy	37.1969, 0.3997, 0.2672
Android (android.graphics.Color)	4294931890 (0xFFFF75B2)
YUV	165.2160, 6.3025, 78.7406
Hunter-Lab	60.9893, 56.1045, -2.3824

# Details

The Decimal color **16741810** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **7733186**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **16756202**, and **12795005** is the 20% darker color. If you saturate the color by 10%, you get **16735140**, and if you desaturate by 10%, it is **16748480**.

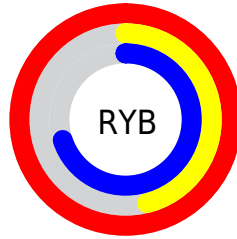
# Distribution



Red (100%)

Green (46%)

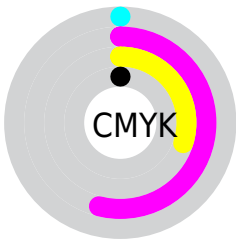
Blue (70%)



Red (100%)

Yellow (46%)

Blue (70%)

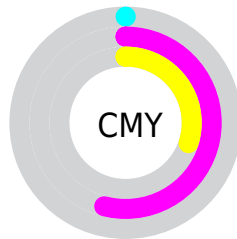


Cyan (0%)

Magenta (54%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16741810 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 16741810 by changing the saturation by 10% instead.



 16741810

 16741810

16777215

 14768535

 16756202

 12795005

 16763647

 10885989

 16771071

 8978509

 7077942

 5242913

 3604488

 786432

 0

■ 16741810

■ 16741810

■ 16735140

■ 16748480

■ 16728726

■ 16754894

■ 16722055

■ 16761565

■ 16715641

■ 16767979

■ 16711793

■ 16774393

16777215

# Harmonies

## Analogous

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



14321124



16741810



16742269

# Triad

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



16741810



10006075



47609

# Complementary

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



16741810



7733186

# 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.



48845



16741810



5617762

# Square

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



16741810



13344052



48534



44799

# Rectangle

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



16741810



16417373



48534



48108



# Sweetspot

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



16741810



16766696



12678655



8415090



0



8421504



# Same Dimension

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



16741810



16734627



16743541



8418168



12517461



4194332



# Inverse Universe

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



16741810



16734627



7731455



8418168



12517461

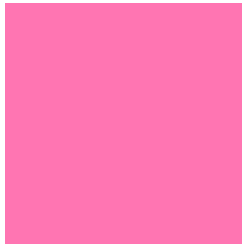


4194332



# Previews

## White Background



This preview shows how the Decimal color 16741810 looks on a white background.

## Color Contrast Check

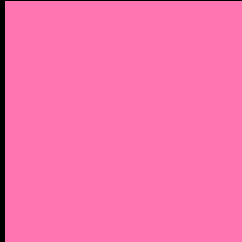
Large Text (above 18pt) WCAG AA × Fail

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 16741810 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 16741810 Background



This preview shows how black text looks on a background with the Decimal color 16741810.




This preview shows how white text looks on a background with the Decimal color 16741810.

# 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**  
16481927

# Trichromacy



**Original Color**  
16741810



**Protanomaly**  
12489413



**Deuteranomaly**  
13471918



**Tritanomaly**  
16546711

# Monochromacy



**Original Color**  
16741810



**Achromatopsia**  
10855845



**Achromatomaly**  
13014186

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16741810 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 #FF75B2 looks like.

```
.text, #text, p{  
    color:#FF75B2  
}
```

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 #FF75B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF75B2
}
```

## Border

The CSS property to change the border of an element to Decimal 16741810 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
#FF75B2 }
```

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

```
.border{ border-color:#FF75B2 }
```

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

Here you see how a box with a 4 pixel #FF75B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF75B2; -webkit-box-shadow:4px 4px  
4px 4px #FF75B2; box-shadow:4px 4px 4px  
4px #FF75B2 }
```

# Background

The CSS property to change the background color of an element to Decimal 16741810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF75B2 }
```

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

```
.background{ background-color:#FF75B2 }
```

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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