

# Converting Colors

Decimal(16745404)

Have a look what the booklet for  
Decimal(16745404) contains.

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# **Color**

**Decimal(16745404)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF83BC
RGB	255, 131, 188
RGB Percent	100%, 51%, 74%
CMY	0.0000, 0.4863, 0.2627
CMYK	0.00, 0.49, 0.26, 0.00
HSL	332°, 100%, 76%
HSV	332°, 49%, 100%
XYZ	58.4334, 41.1234, 52.4348
YIQ	174.5740, 55.6070, 44.0150

# Conversions

## Conversions Part 2

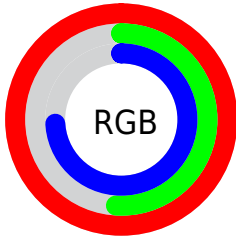
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 131, 188
Decimal	16745404
CIE <sub>Lab</sub>	70.26, 53.33, -8.04
CIE <sub>LCh</sub>	70, 53.934, 351.430
Yxy	41.1234, 0.3845, 0.2706
Android (android.graphics.Color)	4294935484 (0xFFFF83BC)
YUV	174.5740, 6.6190, 70.5336
Hunter-Lab	64.1276, 50.4270, -3.5900

# Details

The Decimal color **16745404** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8650694**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16759796**, and **12864647** is the 20% darker color. If you saturate the color by 10%, you get **16738990**, and if you desaturate by 10%, it is **16751818**.

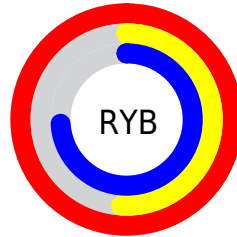
# Distribution



Red (100%)

Green (51%)

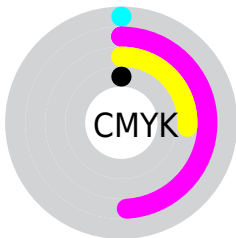
Blue (74%)



Red (100%)

Yellow (51%)

Blue (74%)

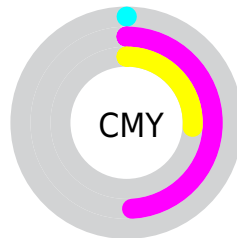


Cyan (0%)

Magenta (49%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (49%)















Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16745404 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 16745404 by changing the saturation by 10% instead.



 16745404	 16745404
16777215	 14772385
 16759796	 12864647
 16767231	 10956910
 16774655	 9047381
	 7209022
	 5439528
	 3801108
	 1572865
	 0

 16745404

 16745404

 16738990

 16751818

 16732320

 16758488

 16725907

 16765157

 16719237

 16771571

 16712823

16777215

 16711797

# Harmonies

## Analogous

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



14324201



16745404



16745611

# Triad

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



16745404



10859596



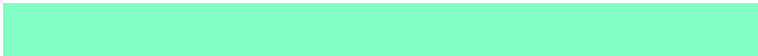
49399

# Complementary

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



16745404



8650694

# 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.



50382



16745404



7061100

# Square

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



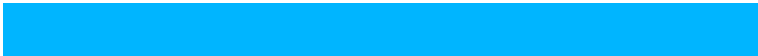
16745404



13935688



50332



46591

# Rectangle

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



16745404



16747629



50332



49899



# Sweetspot

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



16745404



16767466



12944383



8415603



0



8421504



# Same Dimension

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



16745404



16739247



16746371



8418169



12517464



4194333



# Inverse Universe

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



16745404



16739247



8649727



8418169



12517464



4194333



# Previews

## White Background



This preview shows how the Decimal color 16745404 looks on a white background.

## Color Contrast Check

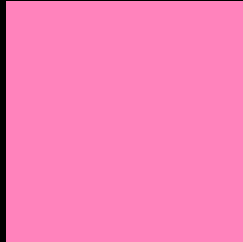
Large Text (above 18pt) WCAG AA × Fail

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 16745404 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 16745404 Background



This preview shows how black text looks on a background with the Decimal color 16745404.




This preview shows how white text looks on a background with the Decimal color 16745404.

# 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**  
16485269

# Trichromacy



**Original Color**

16745404



**Protanomaly**

12885197



**Deuteranomaly**

13802168



**Tritanomaly**

16550051

# Monochromacy



**Original Color**

16745404



**Achromatopsia**

11513775



**Achromatomaly**

13410228

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16745404 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 #FF83BC looks like.

```
.text, #text, p{  
    color:#FF83BC  
}
```

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 #FF83BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF83BC
}
```

## Border

The CSS property to change the border of an element to Decimal 16745404 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
#FF83BC }
```

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

```
.border{ border-color:#FF83BC }
```

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

Here you see how a box with a 4 pixel #FF83BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF83BC; -webkit-box-shadow:4px 4px  
4px 4px #FF83BC; box-shadow:4px 4px 4px  
4px #FF83BC }
```

# Background

The CSS property to change the background color of an element to Decimal 16745404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF83BC }
```

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

```
.background{ background-color:#FF83BC }
```

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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