

# Converting Colors

Decimal(16736187)

Have a look what the booklet for  
Decimal(16736187) contains.

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# **Color**

**Decimal(16736187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5FBB
RGB	255, 95, 187
RGB Percent	100%, 37%, 73%
CMY	0.0000, 0.6275, 0.2667
CMYK	0.00, 0.63, 0.27, 0.00
HSL	326°, 100%, 69%
HSV	326°, 63%, 100%
XYZ	54.3018, 33.0323, 50.5276
YIQ	153.3280, 65.8280, 62.5320

# Conversions

## Conversions Part 2

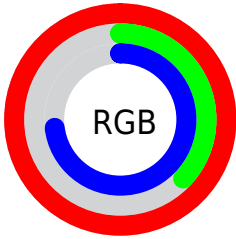
Format	Color
<a href="#">RYB</a>	<a href="#">255, 95, 187</a>
Decimal	<a href="#">16736187</a>
CIELab	<a href="#">64.19, 69.25, -16.59</a>
CIELCh	<a href="#">64, 71.211, 346.530</a>
Yxy	<a href="#">33.0323, 0.3939, 0.2396</a>
Android (android.graphics.Color)	<a href="#">4294926267 (0xFFFF5FBB)</a>
YUV	<a href="#">153.3280, 16.6003, 89.1663</a>
Hunter-Lab	<a href="#">57.4737, 68.0699, -11.8927</a>

# Details

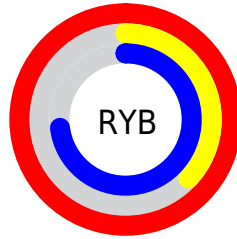
The Decimal color **16736187** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **6291363**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16751091**, and **12720774** is the 20% darker color. If you saturate the color by 10%, you get **16729520**, and if you desaturate by 10%, it is **16742854**.

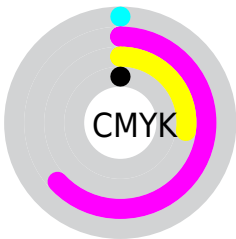
# Distribution



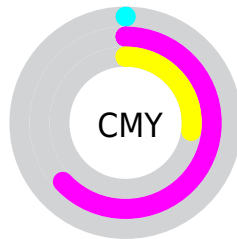
- Red (100%)
- Green (37%)
- Blue (73%)



- Red (100%)
- Yellow (37%)
- Blue (73%)



- Cyan (0%)
- Magenta (63%)
- Yellow (27%)
- Black (0%)


















- Cyan (0%)
- Magenta (63%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16736187 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 16736187 by changing the saturation by 10% instead.



 16736187	 16736187
16777215	 14696608
 16751091	 12720774
 16758527	 10813548
 16766207	 8912980
 16773887	 7012413
	 5177383
	 3342353
	 196608
	 0

■ 16736187

■ 16736187

■ 16729520

■ 16742854

■ 16723109

■ 16749265

■ 16716442

■ 16755932

■ 16711827

■ 16762342

■ 16769009

■ 16775420

16777215

# Harmonies

## Analogous

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



13269748



16736187



16735355

# Triad

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



16736187



10068736



46839

# Complementary

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



16736187



6291363

# 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.



47550



16736187



4960316

# Square

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



16736187



13733376



46972



44031

# Rectangle

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



16736187



16738899



46972



47078



# Sweetspot

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



16736187



16764906



10641407



8413811



0



8421504



# Same Dimension

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



16736187



16728238



16736108



8418170



12517486



4194341



# Inverse Universe

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



16736187



16728238



6291442



8418170



12517486

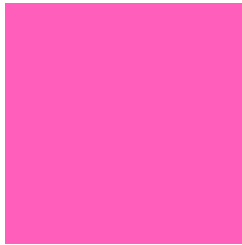


4194341



# Previews

## White Background



This preview shows how the Decimal color 16736187 looks on a white background.

## Color Contrast Check

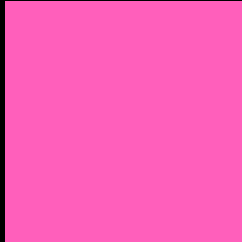
Large Text (above 18pt) WCAG AA × Fail

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 16736187 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 16736187 Background



This preview shows how black text looks on a background with the Decimal color 16736187.



This preview shows how white text looks on a background with the Decimal color 16736187.

# 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



**Original Color**  
16736187

**Protanopia**  
8624613

**Deuteranopia**  
10524850



**Tritanopia**  
16346999

# Trichromacy



**Original Color**  
16736187



**Protanomaly**  
11568342



**Deuteranomaly**  
12813237



**Tritanomaly**  
16476560

# Monochromacy



**Original Color**  
16736187



**Achromatopsia**  
10066329



**Achromatomaly**  
12485797

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16736187 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 #FF5FBB looks like.

```
.text, #text, p{  
  color:#FF5FBB  
}
```

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 #FF5FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5FBB
}
```

## Border

The CSS property to change the border of an element to Decimal 16736187 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
#FF5FBB }
```

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

```
.border{ border-color:#FF5FBB }
```

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

Here you see how a box with a 4 pixel #FF5FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5FBB; -webkit-box-shadow:4px 4px  
4px 4px #FF5FBB; box-shadow:4px 4px 4px  
4px #FF5FBB }
```

# Background

The CSS property to change the background color of an element to Decimal 16736187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5FBB }
```

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

```
.background{ background-color:#FF5FBB }
```

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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