

Converting Colors

Decimal(16735186)

Have a look what the booklet for
Decimal(16735186) contains.

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Color

Decimal(16735186)

Conversions

Conversions Part 1

Format	Color
Hex	FF5BD2
RGB	255, 91, 210
RGB Percent	100%, 36%, 82%
CMY	0.0000, 0.6431, 0.1765
CMYK	0.00, 0.64, 0.18, 0.00
HSL	316°, 100%, 68%
HSV	316°, 64%, 100%
XYZ	56.6139, 33.3953, 64.4348
YIQ	153.6020, 59.5450, 71.7770

Conversions

Conversions Part 2

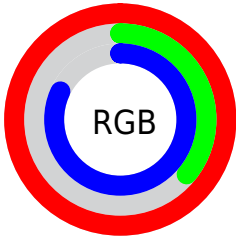
Format	Color
R _Y B	255, 91, 210
Decimal	16735186
CIE Lab	64.48, 73.80, -29.15
CIE LCh	64, 79.348, 338.443
Yxy	33.3953, 0.3666, 0.2162
Android (android.graphics.Color)	4294925266 (0xFFFF5BD2)
YUV	153.6020, 27.8042, 88.9260
Hunter-Lab	57.7887, 73.7412, -25.6567

Details

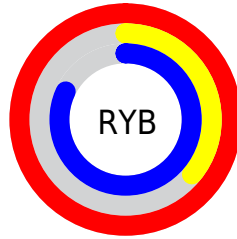
The Decimal color **16735186** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **6029192**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **16750335**, and **12782747** is the 20% darker color. If you saturate the color by 10%, you get **16728779**, and if you desaturate by 10%, it is **16741849**.

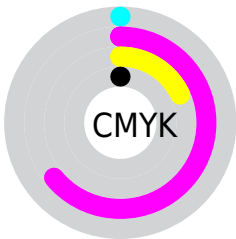
Distribution



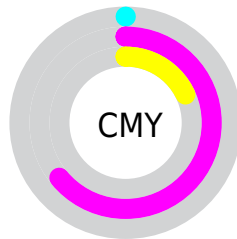
- Red (100%)
- Green (36%)
- Blue (82%)



- Red (100%)
- Yellow (36%)
- Blue (82%)



- Cyan (0%)
- Magenta (64%)
- Yellow (18%)
- Black (0%)


















- Cyan (0%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16735186 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 16735186 by changing the saturation by 10% instead.

 16735186	 16735186
16777215	 14760886
 16750335	 12782747
 16758015	 10813569
 16765439	 8913000
 16773119	 7012431
	 5177400
	 3407906
	 983046
	 0

■ 16735186

■ 16735186

■ 16728779

■ 16741849

■ 16722116

■ 16748256

■ 16715709

■ 16754919

■ 16711865

■ 16761326

■ 16767989

■ 16774396

16777215

Harmonies

Analogous

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



11960319



16735186



16731019

Triad

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



16735186



11182080



47859

Complementary

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



16735186



6029192

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.



48303



16735186



6008853

Square

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



16735186



14976256



47461



45823

Rectangle

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



16735186



16734557



47461



48350

Sweetspot

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



16735186



16764914



8870911



8413815



0



8421504

Same Dimension

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



16735186



16726985



16735105



8418172



12517515



4194350

Inverse Universe

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



16735186



16726985



6029273



8418172



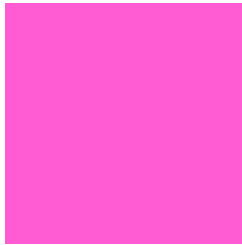
12517515



4194350

Previews

White Background



This preview shows how the Decimal color 16735186 looks on a white background.

Color Contrast Check

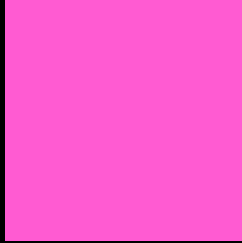
Large Text (above 18pt) WCAG AA × Fail

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 16735186 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 16735186 Background



This preview shows how black text looks on a background with the Decimal color 16735186.




This preview shows how white text looks on a background with the Decimal color 16735186.

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
16216698

Trichromacy



Original Color
16735186



Protanomaly
10978031



Deuteranomaly
12354508



Tritanomaly
16411290

Monochromacy



Original Color
16735186



Achromatopsia
10132122



Achromatomaly
12551086

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16735186 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 #FF5BD2 looks like.

```
.text, #text, p{  
  color:#FF5BD2  
}
```

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 #FF5BD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5BD2
}
```

Border

The CSS property to change the border of an element to Decimal 16735186 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
#FF5BD2 }
```

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

```
.border{ border-color:#FF5BD2 }
```

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

Here you see how a box with a 4 pixel #FF5BD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5BD2; -webkit-box-shadow:4px 4px  
4px 4px #FF5BD2; box-shadow:4px 4px 4px  
4px #FF5BD2 }
```

Background

The CSS property to change the background color of an element to Decimal 16735186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5BD2 }
```

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

```
.background{ background-color:#FF5BD2 }
```

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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