

Converting Colors

Decimal(16736216)

Have a look what the booklet for
Decimal(16736216) contains.

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Color

Decimal(16736216)

Conversions

Conversions Part 1

Format	Color
Hex	FF5FD8
RGB	255, 95, 216
RGB Percent	100%, 37%, 85%
CMY	0.0000, 0.6275, 0.1529
CMYK	0.00, 0.63, 0.15, 0.00
HSL	315°, 100%, 69%
HSV	315°, 63%, 100%
XYZ	57.7269, 34.4023, 68.5635
YIQ	156.6340, 56.5190, 71.5510

Conversions

Conversions Part 2

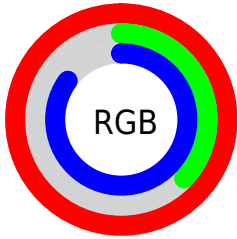
Format	Color
R _Y B	255, 95, 216
Decimal	16736216
CIE _{Lab}	65.28, 73.08, -31.29
CIE _{LCh}	65, 79.499, 336.825
Y _{xy}	34.4023, 0.3592, 0.2141
Android (android.graphics.Color)	4294926296 (0xFFFF5FD8)
YUV	156.6340, 29.2674, 86.2670
Hunter-Lab	58.6535, 73.0366, -28.2502

Details

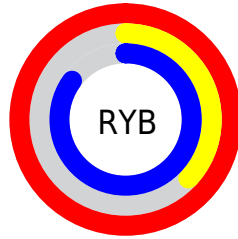
The Decimal color **16736216** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **6291334**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16751359**, and **12785569** is the 20% darker color. If you saturate the color by 10%, you get **16729554**, and if you desaturate by 10%, it is **16742878**.

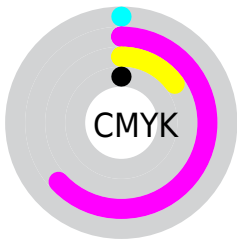
Distribution



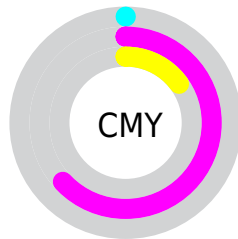
- Red (100%)
- Green (37%)
- Blue (85%)



- Red (100%)
- Yellow (37%)
- Blue (85%)



- Cyan (0%)
- Magenta (63%)
- Yellow (15%)
- Black (0%)


















- Cyan (0%)
- Magenta (63%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16736216 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 16736216 by changing the saturation by 10% instead.

 16736216	 16736216
16777215	 14762172
 16751359	 12785569
 16758783	 10813574
 16766463	 8913005
 16774143	 7077972
	 5242940
	 3473446
	 1114126
	 0

■ 16736216

■ 16736216

■ 16729554

■ 16742878

■ 16723148

■ 16749284

■ 16716485

■ 16755947

■ 16711873

■ 16762353

■ 16769015

■ 16775421

16777215

Harmonies

Analogous

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



11764735



16736216



16731537

Triad

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



16736216



11575552



48627

Complementary

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



16736216



6291334

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.



48813



16736216



6533650

Square

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



16736216



15369728



47971



46591

Rectangle

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



16736216



16734563



47971



48861

Sweetspot

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



16736216



16764915



8675327



8413816



0



8421504

Same Dimension

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



16736216



16728272



16736138



8418172



12517521



4194352

Inverse Universe

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



16736216



16728272



6291412



8418172



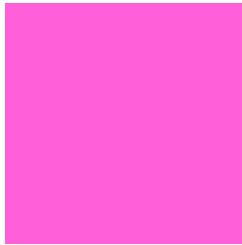
12517521



4194352

Previews

White Background



This preview shows how the Decimal color 16736216 looks on a white background.

Color Contrast Check

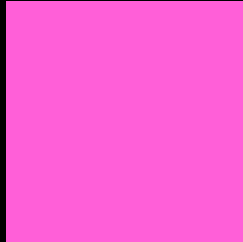
Large Text (above 18pt) WCAG AA × Fail

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 16736216 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 16736216 Background



This preview shows how black text looks on a background with the Decimal color 16736216.




This preview shows how white text looks on a background with the Decimal color 16736216.

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



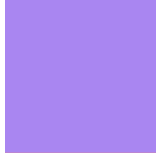


Tritanopia
16152447

Trichromacy



Original Color
16736216



Protanomaly
11110129



Deuteranomaly
12289746



Tritanomaly
16346783

Monochromacy



Original Color
16736216



Achromatopsia
10329501



Achromatomaly
12682930

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16736216 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 #FF5FD8 looks like.

```
.text, #text, p{  
    color:#FF5FD8  
}
```

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 #FF5FD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5FD8
}
```

Border

The CSS property to change the border of an element to Decimal 16736216 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
#FF5FD8 }
```

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

```
.border{ border-color:#FF5FD8 }
```

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

Here you see how a box with a 4 pixel #FF5FD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5FD8; -webkit-box-shadow:4px 4px  
4px 4px #FF5FD8; box-shadow:4px 4px 4px  
4px #FF5FD8 }
```

Background

The CSS property to change the background color of an element to Decimal 16736216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5FD8 }
```

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

```
.background{ background-color:#FF5FD8 }
```

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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