

Converting Colors

Decimal(16735741)

Have a look what the booklet for
Decimal(16735741) contains.

Decimal(16735741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16735741)

Conversions

Conversions Part 1

Format	Color
Hex	FF5DFD
RGB	255, 93, 253
RGB Percent	100%, 36%, 99%
CMY	0.0000, 0.6353, 0.0078
CMYK	0.00, 0.64, 0.01, 0.00
HSL	301°, 100%, 68%
HSV	301°, 64%, 100%
XYZ	62.8840, 36.1806, 96.5977
YIQ	159.6780, 45.1920, 84.1040

Conversions

Conversions Part 2

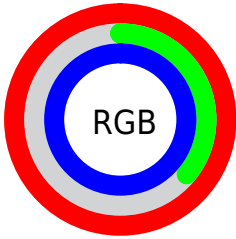
Format	Color
R _Y B	255, 93, 253
Decimal	16735741
CIE Lab	66.66, 79.40, -49.66
CIE LCh	67, 93.652, 327.975
Yxy	36.1806, 0.3214, 0.1849
Android (android.graphics.Color)	4294925821 (0xFFFF5DFD)
YUV	159.6780, 46.0077, 83.5974
Hunter-Lab	60.1503, 81.3495, -53.1110

Details

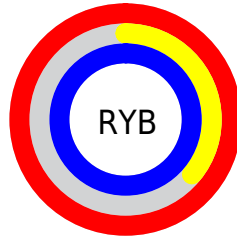
The Decimal color **16735741** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **6160223**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16751103**, and **12782532** is the 20% darker color. If you saturate the color by 10%, you get **16729085**, and if you desaturate by 10%, it is **16742397**.

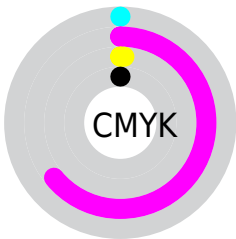
Distribution



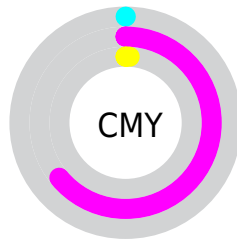
- Red (100%)
- Green (36%)
- Blue (99%)



- Red (100%)
- Yellow (36%)
- Blue (99%)



- Cyan (0%)
- Magenta (64%)
- Yellow (1%)
- Black (0%)


















- Cyan (0%)
- Magenta (64%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16735741 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 16735741 by changing the saturation by 10% instead.

 16735741	 16735741
16777215	 14761184
 16751103	 12782532
 16758783	 10813608
 16766207	 8913037
 16774143	 7012467
	 5177434
	 3407937
	 1245226
	 276

16735741

16735741

16729085

16742397

16722684

16748798

16716028

16755454

16711932

16761854

16768511

16774911

16777215

Harmonies

Analogous

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



8949503



16735741



16723116

Triad

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



16735741



13212928



50927

Complementary

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



16735741



6160223

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.



50586



16735741



7779328

Square

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



16735741



16742400



49215



49407

Rectangle

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



16735741



16725364



49215



50900

Sweetspot

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



16735741



16764926



6118911



8413823



0



8421504

Same Dimension

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



16735741



16727549



16735662



8418175



12517565



4194367

Inverse Universe

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



16735741



16727549



6160302



8418175



12517565



4194367

Previews

White Background



This preview shows how the Decimal color 16735741 looks on a white background.

Color Contrast Check

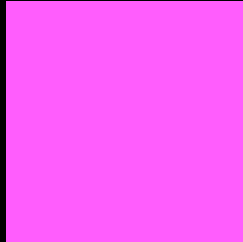
Large Text (above 18pt) WCAG AA × Fail

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 16735741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

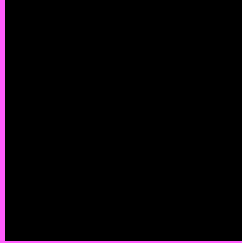
Any Text WCAG AA ✓ Pass

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 16735741 Background



This preview shows how black text looks on a background with the Decimal color 16735741.




This preview shows how white text looks on a background with the Decimal color 16735741.

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
15892617

Trichromacy



Original Color
16735741



Protanomaly
11307006



Deuteranomaly
11372790



Tritanomaly
16217011

Monochromacy



Original Color
16735741



Achromatopsia
10526880



Achromatomaly
12814530

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16735741 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 #FF5DFD looks like.

```
.text, #text, p{  
    color:#FF5DFD  
}
```

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 #FF5DFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF5DFD
}
```

Border

The CSS property to change the border of an element to Decimal 16735741 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
#FF5DFD }
```

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

```
.border{ border-color:#FF5DFD }
```

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

Here you see how a box with a 4 pixel #FF5DFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF5DFD; -webkit-box-shadow:4px 4px  
4px 4px #FF5DFD; box-shadow:4px 4px 4px  
4px #FF5DFD }
```

Background

The CSS property to change the background color of an element to Decimal 16735741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF5DFD }
```

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

```
.background{ background-color:#FF5DFD }
```

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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