

Converting Colors

Decimal(16737279)

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Decimal(16737279) contains.

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Color

Decimal(16737279)

Conversions

Conversions Part 1	
Format	Color
Hex	FF63FF
RGB	255, 99, 255
RGB Percent	100%, 39%, 100%
CMY	0.0000, 0.6118, 0.0000
CMYK	0.00, 0.61, 0.00, 0.00
HSL	300°, 100%, 69%
HSV	300°, 61%, 100%
XYZ	63.7518, 37.4037, 98.4673
YIQ	163.4280, 42.9000, 81.5880

Conversions

Conversions Part 2

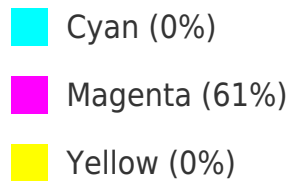
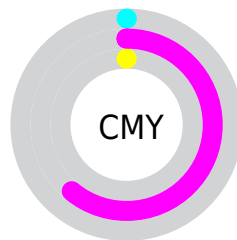
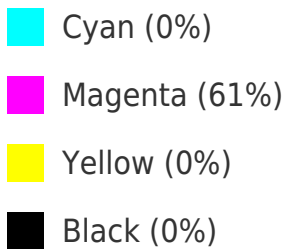
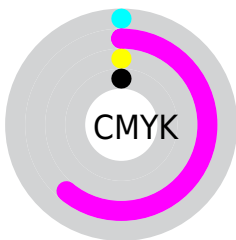
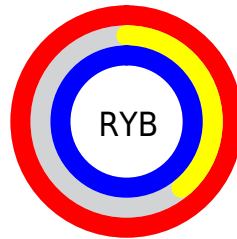
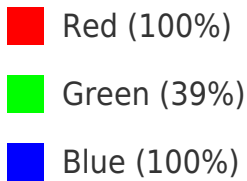
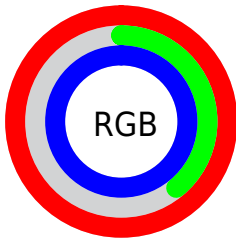
Format	Color
RYB	255, 99, 255
Decimal	16737279
CIELab	67.58, 77.42, -49.31
CIELCh	68, 91.792, 327.510
Yxy	37.4037, 0.3194, 0.1874
Android (android.graphics.Color)	4294927359 (0xFFFF63FF)
YUV	163.4280, 45.1450, 80.3086
Hunter-Lab	61.1585, 79.0414, -52.6479

Details

The Decimal color **16737279** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6553443**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **16752383**, and **12786886** is the 20% darker color. If you saturate the color by 10%, you get **16730623**, and if you desaturate by 10%, it is **16743679**.
















Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 16737279 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 16737279 by changing the saturation by 10% instead.

 16737279	 16737279
16777215	 14763234
 16752383	 12786886
 16760063	 10813610
 16767487	 8913039
 16775423	 7078005
	 5177435
	 3473475
	 1376300
	 278

 16737279

 16737279

 16730623

 16743679

 16724223

 16750335

 16717567

 16756991

 16711935

 16763391

 16770047

 16776447

16777215

Harmonies

Analogous

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



9081599



16737279



16726191

Triad

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



16737279



13410048



51439

Complementary

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



16737279



6553443

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.



51355



16737279



8107520

Square

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



16737279



16743168



49731



49919

Rectangle

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



16737279



16727928



49731



51412

Sweetspot

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



16737279



16765439



6513663



8414080



0



8421504

Same Dimension

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



16737279



16729599



16737201



8418176



12517567



4194368

Inverse Universe

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



16737279



16729599



6553521



8418176



12517567



4194368

Previews

White Background



This preview shows how the Decimal color 16737279 looks on a white background.

Color Contrast Check

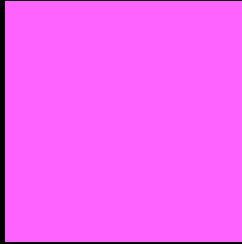
Large Text (above 18pt) WCAG AA × Fail

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 16737279 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 16737279 Background



This preview shows how black text looks on a background with the Decimal color 16737279.



This preview shows how white text looks on a background with the Decimal color 16737279.

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

16737279

Protanopia

8495871

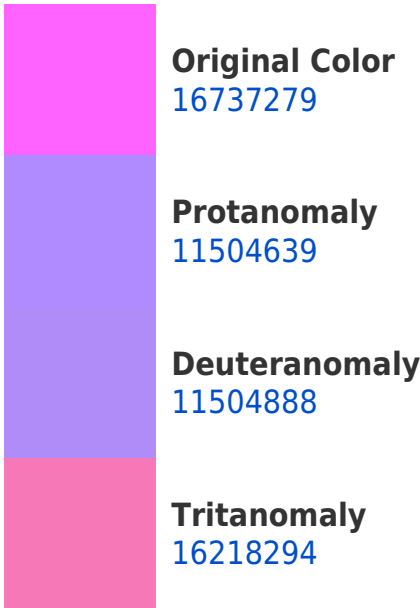
Deuteranopia

8561908



Tritanopia
15893645

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16737279 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 #FF63FF looks like.

```
.text, #text, p{  
    color:#FF63FF  
}
```

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 #FF63FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF63FF
}
```

Border

The CSS property to change the border of an element to Decimal 16737279 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
#FF63FF }
```

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

```
.border{ border-color:#FF63FF }
```

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

Here you see how a box with a 4 pixel #FF63FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF63FF; -webkit-box-shadow:4px 4px  
4px 4px #FF63FF; box-shadow:4px 4px 4px  
4px #FF63FF }
```

Background

The CSS property to change the background color of an element to Decimal 16737279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF63FF }
```

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

```
.background{ background-color:#FF63FF }
```

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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