

Converting Colors

Decimal(16670970)

Have a look what the booklet for
Decimal(16670970) contains.

Decimal(16670970)	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(16670970)

Conversions

Conversions Part 1

Format	Color
Hex	FE60FA
RGB	254, 96, 250
RGB Percent	100%, 38%, 98%
CMY	0.0039, 0.6235, 0.0196
CMYK	0.00, 0.62, 0.02, 0.00
HSL	302°, 99%, 69%
HSV	302°, 62%, 100%
XYZ	62.3112, 36.3387, 94.1724
YIQ	160.7980, 44.7340, 81.3900

Conversions

Conversions Part 2

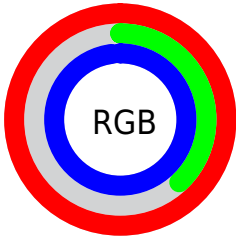
Format	Color
RYB	254, 96, 250
Decimal	16670970
CIELab	66.78, 77.55, -47.83
CIELCh	67, 91.120, 328.335
Yxy	36.3387, 0.3232, 0.1885
Android (android.graphics.Color)	4294861050 (0xFFFE60FA)
YUV	160.7980, 43.9766, 81.7382
Hunter-Lab	60.2816, 79.0172, -50.4262

Details

The Decimal color **16670970** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **6356580**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **16751615**, and **12719809** is the 20% darker color. If you saturate the color by 10%, you get **16664569**, and if you desaturate by 10%, it is **16677371**.

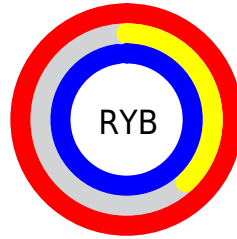
Distribution



Red (100%)

Green (38%)

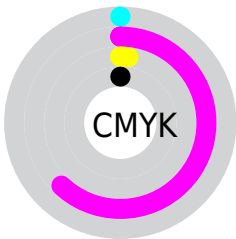
Blue (98%)



Red (100%)

Yellow (38%)

Blue (98%)

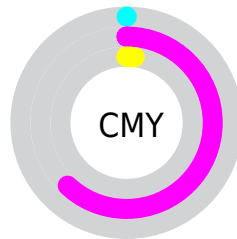


Cyan (0%)

Magenta (62%)

Yellow (2%)

Black (0%)



Cyan (0%)

















Magenta (62%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16670970 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 16670970 by changing the saturation by 10% instead.

 16670970	 16670970
 16777215	 14696669
 16751615	 12719809
 16759295	 10748069
 16766975	 8847498
 16774655	 7012464
	 5177431
	 3407935
	 1245224
	 273

16670970

16670970

16664569

16677371

16657913

16684027

16651512

16690428

16646392

16697085

16703485

16709886

16711679

Harmonies

Analogous

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



9277183



16670970



16725675

Triad

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



16670970



13147648



50927

Complementary

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



16670970



6356580

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.



50587



16670970



7844864

Square

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



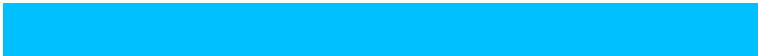
16670970



16742912



49220



49407

Rectangle

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



16670970



16727668



49220



50900

Sweetspot

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



16670970



16764926



6512894



8413823



0



8421504

Same Dimension

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



16670970



16728314



16670892



8418175



12517562



4194366

Inverse Universe

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



16670970



16728314



6356658



8418175



12517562



4194366

Previews

White Background



This preview shows how the Decimal color 16670970 looks on a white background.

Color Contrast Check

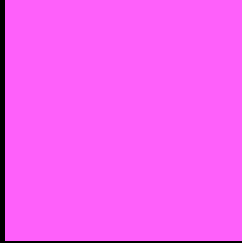
Large Text (above 18pt) WCAG AA × Fail

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 16670970 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 16670970 Background



This preview shows how black text looks on a background with the Decimal color 16670970.



This preview shows how white text looks on a background with the Decimal color 16670970.

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
15827082

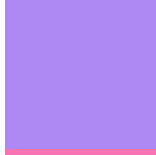
Trichromacy



Original Color
16670970



Protanomaly
11307517



Deuteranomaly
11504115



Tritanomaly
16151731

Monochromacy



Original Color
16670970



Achromatopsia
10592673



Achromatomaly
12814785

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16670970 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 #FE60FA looks like.

```
.text, #text, p{  
    color:#FE60FA  
}
```

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 #FE60FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE60FA
}
```

Border

The CSS property to change the border of an element to Decimal 16670970 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
#FE60FA }
```

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

```
.border{ border-color:#FE60FA }
```

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

Here you see how a box with a 4 pixel #FE60FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE60FA; -webkit-box-shadow:4px 4px  
4px 4px #FE60FA; box-shadow:4px 4px 4px  
4px #FE60FA }
```

Background

The CSS property to change the background color of an element to Decimal 16670970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE60FA }
```

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

```
.background{ background-color:#FE60FA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor