

# Converting Colors

Decimal(16747770)

Have a look what the booklet for  
Decimal(16747770) contains.

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# **Color**

**Decimal(16747770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8CFA
RGB	255, 140, 250
RGB Percent	100%, 55%, 98%
CMY	0.0000, 0.4510, 0.0196
CMYK	0.00, 0.45, 0.02, 0.00
HSL	303°, 100%, 77%
HSV	303°, 45%, 100%
XYZ	67.8734, 46.9183, 95.9213
YIQ	186.9250, 33.2300, 58.5900

# Conversions

## Conversions Part 2

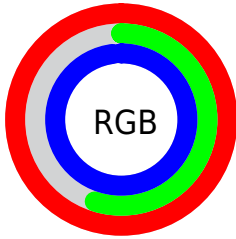
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 140, 250
Decimal	16747770
CIE Lab	74.14, 58.39, -36.32
CIE LCh	74, 68.763, 328.120
Yxy	46.9183, 0.3221, 0.2227
Android (android.graphics.Color)	4294937850 (0xFFFF8CFA)
YUV	186.9250, 31.0960, 59.7018
Hunter-Lab	68.4969, 57.0055, -35.0803

# Details

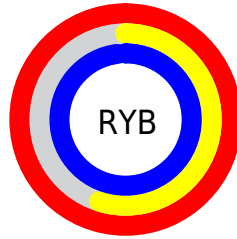
The Decimal color **16747770** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9240465**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16762111**, and **12867009** is the 20% darker color. If you saturate the color by 10%, you get **16741369**, and if you desaturate by 10%, it is **16754427**.

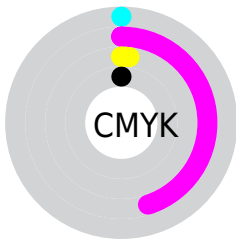
# Distribution



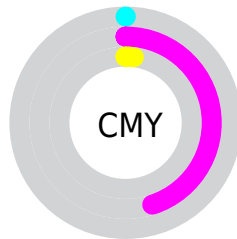
- Red (100%)
- Green (55%)
- Blue (98%)



- Red (100%)
- Yellow (55%)
- Blue (98%)



- Cyan (0%)
- Magenta (45%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16747770 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 16747770 by changing the saturation by 10% instead.



 16747770

 16747770

16777215


 14774493

 16762111

 12867009


 16769535

 11024806

 9116043

 7340145

 5570648

 3866688

 2228266

 275

 16747770

 16747770

 16741369

 16754427

 16734712

 16760828

 16728311

 16767485

 16721654

 16773886

 16715252

16777215

 16711924

# Harmonies

## Analogous

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



11577343



16747770



16743357

# Triad

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



16747770



14397994



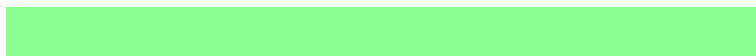
54512

# Complementary

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



16747770



9240465

# 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.



54448



16747770



10273852

# Square

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



16747770



16750922



4247408



52735

# Rectangle

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



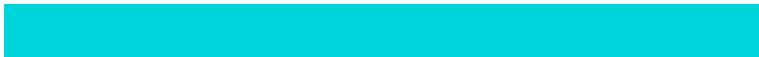
16747770



16743827



4247408



54748



# Sweetspot

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



16747770



16767997



9473279



8415871



0



8421504



# Same Dimension

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



16747770



16741881



16747714



8418175



12517559



4194365



# Inverse Universe

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



16747770



16741881



9240521



8418175



12517559



4194365



# Previews

## White Background



This preview shows how the Decimal color 16747770 looks on a white background.

## Color Contrast Check

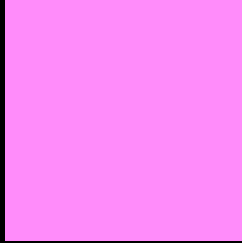
Large Text (above 18pt) WCAG AA × Fail

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 16747770 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

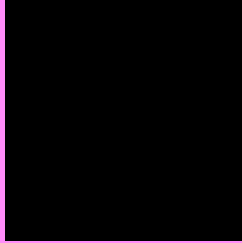
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16747770 Background



This preview shows how black text looks on a background with the Decimal color 16747770.




This preview shows how white text looks on a background with the Decimal color 16747770.

# 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**  
16096938

# Trichromacy



**Original Color**  
16747770



**Protanomaly**  
12756477



**Deuteranomaly**  
13084150



**Tritanomaly**  
16357319

# Monochromacy



**Original Color**  
16747770



**Achromatopsia**  
12303291



**Achromatomaly**  
13937362

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16747770 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 #FF8CFA looks like.

```
.text, #text, p{  
    color:#FF8CFA  
}
```

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 #FF8CFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF8CFA
}
```

## Border

The CSS property to change the border of an element to Decimal 16747770 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
#FF8CFA }
```

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

```
.border{ border-color:#FF8CFA }
```

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

Here you see how a box with a 4 pixel #FF8CFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF8CFA; -webkit-box-shadow:4px 4px  
4px 4px #FF8CFA; box-shadow:4px 4px 4px  
4px #FF8CFA }
```

# Background

The CSS property to change the background color of an element to Decimal 16747770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF8CFA }
```

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

```
.background{ background-color:#FF8CFA }
```

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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