

# Converting Colors

Decimal(16745952)

Have a look what the booklet for  
Decimal(16745952) contains.

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# **Color**

**Decimal(16745952)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF85E0
RGB	255, 133, 224
RGB Percent	100%, 52%, 88%
CMY	0.0000, 0.4784, 0.1216
CMYK	0.00, 0.48, 0.12, 0.00
HSL	315°, 100%, 76%
HSV	315°, 48%, 100%
XYZ	63.0821, 43.4169, 75.5765
YIQ	179.8520, 43.5010, 54.1650

# Conversions

## Conversions Part 2

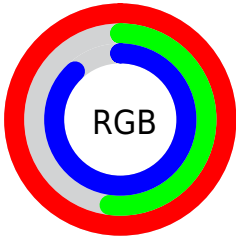
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 133, 224</a>
Decimal	<a href="#">16745952</a>
CIELab	<a href="#">71.84, 57.53, -25.64</a>
CIElCh	<a href="#">72, 62.986, 335.981</a>
Yxy	<a href="#">43.4169, 0.3465, 0.2385</a>
Android (android.graphics.Color)	<a href="#">4294936032 (0xFFFF85E0)</a>
YUV	<a href="#">179.8520, 21.7650, 65.9048</a>
Hunter-Lab	<a href="#">65.8915, 55.5792, -21.8807</a>

# Details

The Decimal color **16745952** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8781732**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16760319**, and **12865193** is the 20% darker color. If you saturate the color by 10%, you get **16739546**, and if you desaturate by 10%, it is **16752614**.

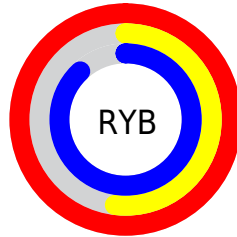
# Distribution



Red (100%)

Green (52%)

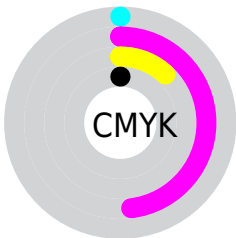
Blue (88%)



Red (100%)

Yellow (52%)

Blue (88%)

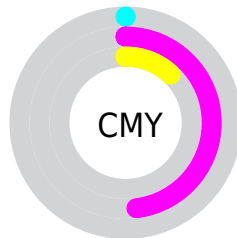


Cyan (0%)

Magenta (48%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (48%)















Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16745952 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 16745952 by changing the saturation by 10% instead.



 16745952	 16745952
16777215	 14772676
 16760319	 12865193
 16767743	 10957198
 16775423	 9112692
	 7274587
	 5505092
	 3932205
	 2031640
	 0

 16745952

 16745952

 16739546

 16752614

 16732883

 16759021

 16726477

 16765683

 16719814

 16772090

 16713408

16777215

 16711870

# Harmonies

## Analogous

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



12754175



16745952



16743335

# Triad

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



16745952



12890420



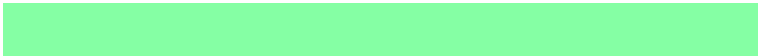
51954

# Complementary

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



16745952



8781732

# 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.



52410



16745952



8962125

# Square

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



16745952



16030788



2017663



49919

# Rectangle

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



16745952



16744833



2017663



52449



# Sweetspot

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



16745952



16767990



10782207



8415866



0



8421504



# Same Dimension

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



16745952



16740058



16745892



8418172



12517519



4194352



# Inverse Universe

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



16745952



16740058



8781793



8418172



12517519



4194352



# Previews

## White Background



This preview shows how the Decimal color 16745952 looks on a white background.

## Color Contrast Check

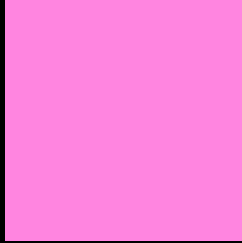
Large Text (above 18pt) WCAG AA × Fail

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 16745952 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 16745952 Background



This preview shows how black text looks on a background with the Decimal color 16745952.



This preview shows how white text looks on a background with the Decimal color 16745952.

# 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**  
16290718

# Trichromacy



**Original Color**  
16745952



**Protanomaly**  
12361716



**Deuteranomaly**  
13344476



**Tritanomaly**  
16486070

# Monochromacy



**Original Color**  
16745952



**Achromatopsia**  
11842740



**Achromatomaly**  
13607876

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16745952 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 #FF85E0 looks like.

```
.text, #text, p{  
    color:#FF85E0  
}
```

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 #FF85E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF85E0
}
```

## Border

The CSS property to change the border of an element to Decimal 16745952 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
#FF85E0 }
```

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

```
.border{ border-color:#FF85E0 }
```

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

Here you see how a box with a 4 pixel #FF85E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF85E0; -webkit-box-shadow:4px 4px  
4px 4px #FF85E0; box-shadow:4px 4px 4px  
4px #FF85E0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16745952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF85E0 }
```

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

```
.background{ background-color:#FF85E0 }
```

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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