

Converting Colors

Decimal(16745962)

Have a look what the booklet for
Decimal(16745962) contains.

Decimal(16745962)	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(16745962)

Conversions

Conversions Part 1

Format	Color
Hex	FF85EA
RGB	255, 133, 234
RGB Percent	100%, 52%, 92%
CMY	0.0000, 0.4784, 0.0824
CMYK	0.00, 0.48, 0.08, 0.00
HSL	310°, 100%, 76%
HSV	310°, 48%, 100%
XYZ	64.4788, 43.9756, 82.9316
YIQ	180.9920, 40.2910, 57.2750

Conversions

Conversions Part 2

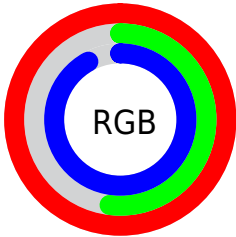
Format	Color
R _Y B	255, 133, 234
Decimal	16745962
CIE _{Lab}	72.21, 59.11, -30.56
CIE _{LCh}	72, 66.542, 332.662
Yxy	43.9756, 0.3369, 0.2298
Android (android.graphics.Color)	4294936042 (0xFFFF85EA)
YUV	180.9920, 26.1329, 64.9050
Hunter-Lab	66.3141, 57.5103, -27.7275

Details

The Decimal color **16745962** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8781722**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16760319**, and **12865202** is the 20% darker color. If you saturate the color by 10%, you get **16739558**, and if you desaturate by 10%, it is **16752622**.

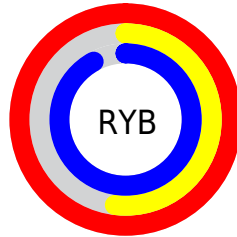
Distribution



Red (100%)

Green (52%)

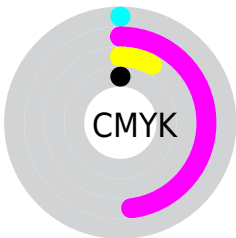
Blue (92%)



Red (100%)

Yellow (52%)

Blue (92%)

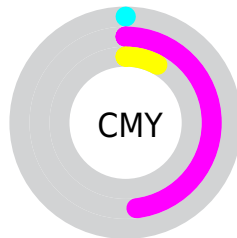


Cyan (0%)

Magenta (48%)

Yellow (8%)

Black (0%)



Cyan (0%)















Magenta (48%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16745962 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 16745962 by changing the saturation by 10% instead.

 16745962	 16745962
16777215	 14772686
 16760319	 12865202
 16767743	 10957207
 16775423	 9111933
	 7274596
	 5505099
	 3866676
	 2097182
	 0

 16745962

 16745962

 16739558

 16752622

 16732897

 16759027

 16726493

 16765687

 16719832

 16772092

 16713428

16777215

 16711891

Harmonies

Analogous

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



12165119



16745962



16742574

Triad

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



16745962



13414442



52721

Complementary

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



16745962



8781722

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.



52917



16745962



9355330

Square

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



16745962



16554306



2476662



50943

Rectangle

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



16745962



16743558



2476662



52958

Sweetspot

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



16745962



16767993



10061311



8415868



0



8421504

Same Dimension

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



16745962



16740070



16745902



8418173



12517534



4194357

Inverse Universe

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



16745962



16740070



8781782



8418173



12517534



4194357

Previews

White Background



This preview shows how the Decimal color 16745962 looks on a white background.

Color Contrast Check

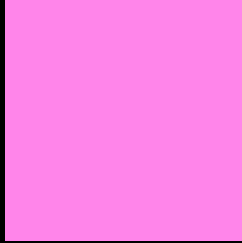
Large Text (above 18pt) WCAG AA × Fail

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 16745962 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 16745962 Background



This preview shows how black text looks on a background with the Decimal color 16745962.




This preview shows how white text looks on a background with the Decimal color 16745962.

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
16225696

Trichromacy



Original Color
16745962



Protanomaly
12427511



Deuteranomaly
13148134



Tritanomaly
16420795

Monochromacy



Original Color
16745962



Achromatopsia
11908533



Achromatomaly
13673672

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16745962 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 #FF85EA looks like.

```
.text, #text, p{  
    color:#FF85EA  
}
```

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 #FF85EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF85EA
}
```

Border

The CSS property to change the border of an element to Decimal 16745962 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
#FF85EA }
```

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

```
.border{ border-color:#FF85EA }
```

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

Here you see how a box with a 4 pixel #FF85EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF85EA; -webkit-box-shadow:4px 4px  
4px 4px #FF85EA; box-shadow:4px 4px 4px  
4px #FF85EA }
```

Background

The CSS property to change the background color of an element to Decimal 16745962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF85EA }
```

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

```
.background{ background-color:#FF85EA }
```

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