

# Converting Colors

Decimal(16745393)

Have a look what the booklet for  
Decimal(16745393) contains.

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# **Color**

**Decimal(16745393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF83B1
RGB	255, 131, 177
RGB Percent	100%, 51%, 69%
CMY	0.0000, 0.4863, 0.3059
CMYK	0.00, 0.49, 0.31, 0.00
HSL	338°, 100%, 76%
HSV	338°, 49%, 100%
XYZ	57.2921, 40.6669, 46.4248
YIQ	173.3200, 59.1380, 40.5940

# Conversions

## Conversions Part 2

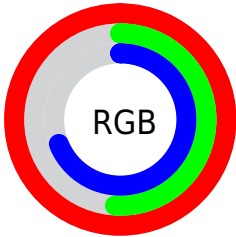
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 131, 177
Decimal	16745393
CIELab	69.94, 51.93, -2.36
CIELCh	70, 51.980, 357.403
Yxy	40.6669, 0.3968, 0.2817
Android (android.graphics.Color)	4294935473 (0xFFFF83B1)
YUV	173.3200, 1.8142, 71.6334
Hunter-Lab	63.7706, 48.7674, 1.4765

# Details

The Decimal color **16745393** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8650705**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **16759785**, and **12799357** is the 20% darker color. If you saturate the color by 10%, you get **16738977**, and if you desaturate by 10%, it is **16751809**.

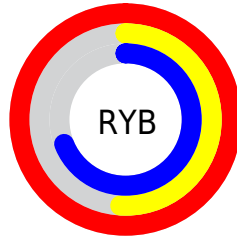
# Distribution



Red (100%)

Green (51%)

Blue (69%)



Red (100%)

Yellow (51%)

Blue (69%)

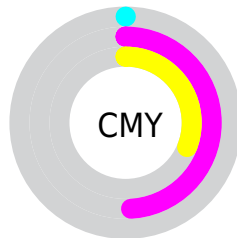


Cyan (0%)

Magenta (49%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (49%)
















Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16745393 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 16745393 by changing the saturation by 10% instead.



 16745393	 16745393
 16777215	 14772374
 16759785	 12799357
 16766975	 10891620
 16774655	 9047628
	 7143477
	 5373984
	 3801096
	 1310720
	 0

 16745393

 16745393

 16738977

 16751809

 16732305

 16758481

 16725889

 16765153

 16719217

 16771569

 16712801

16777215

 16711775

# Harmonies

## Analogous

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



14782174



16745393



16746370

# Triad

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



16745393



10204499



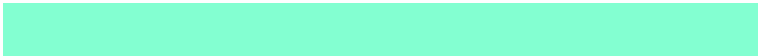
48634

# Complementary

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



16745393



8650705

# 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.



49877



16745393



6340214

# Square

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



16745393



13281097



49829



4567551

# Rectangle

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



16745393



16224359



49829



49135



# Sweetspot

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



16745393



16767463



13599743



8415601



0



8421504



# Same Dimension

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



16745393



16739234



16748931



8418167



12517447



4194328



# Inverse Universe

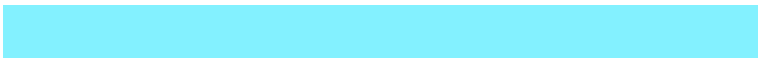
The Inverse Universe completely reimagines the original color for something new.



16745393



16739234



8647167



8418167



12517447



4194328



# Previews

## White Background



This preview shows how the Decimal color 16745393 looks on a white background.

## Color Contrast Check

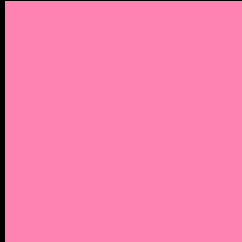
Large Text (above 18pt) WCAG AA × Fail

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 16745393 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 16745393 Background



This preview shows how black text looks on a background with the Decimal color 16745393.



This preview shows how white text looks on a background with the Decimal color 16745393.

# 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**  
16745393

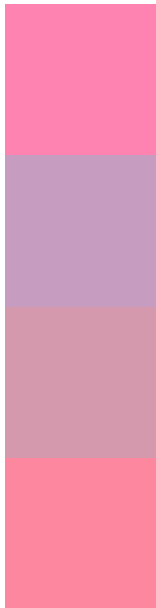
**Protanopia**  
10857161

**Deuteranopia**  
12363435



**Tritanopia**  
16550291

# Trichromacy



**Original Color**  
16745393

**Protanomaly**  
13016256

**Deuteranomaly**  
13932973

**Tritanomaly**  
16615326

# Monochromacy



**Original Color**  
16745393

**Achromatopsia**  
11382189

**Achromatomaly**  
13344430

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16745393 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 #FF83B1 looks like.

```
.text, #text, p{  
  color:#FF83B1  
}
```

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 #FF83B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF83B1
}
```

## Border

The CSS property to change the border of an element to Decimal 16745393 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
#FF83B1 }
```

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

```
.border{ border-color:#FF83B1 }
```

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

Here you see how a box with a 4 pixel #FF83B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF83B1; -webkit-box-shadow:4px 4px  
4px 4px #FF83B1; box-shadow:4px 4px 4px  
4px #FF83B1 }
```

# Background

The CSS property to change the background color of an element to Decimal 16745393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF83B1 }
```

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

```
.background{ background-color:#FF83B1 }
```

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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