

# Converting Colors

Decimal(16752319)

Have a look what the booklet for  
Decimal(16752319) contains.

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# **Color**

**Decimal(16752319)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9EBF
RGB	255, 158, 191
RGB Percent	100%, 62%, 75%
CMY	0.0000, 0.3804, 0.2510
CMYK	0.00, 0.38, 0.25, 0.00
HSL	340°, 100%, 81%
HSV	340°, 38%, 100%
XYZ	62.8708, 49.4753, 55.5262
YIQ	190.7650, 47.2190, 30.8270

# Conversions

## Conversions Part 2

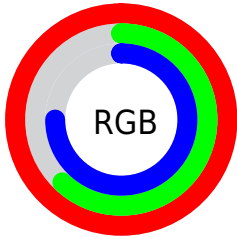
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 158, 191
Decimal	16752319
CIE Lab	75.75, 40.20, -1.60
CIE LCh	76, 40.227, 357.714
Yxy	49.4753, 0.3745, 0.2947
Android (android.graphics.Color)	4294942399 (0xFFFF9EBF)
YUV	190.7650, 0.1159, 56.3341
Hunter-Lab	70.3387, 36.4560, 2.4328

# Details

The Decimal color **16752319** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **10420190**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16766711**, and **12872074** is the 20% darker color. If you saturate the color by 10%, you get **16745646**, and if you desaturate by 10%, it is **16758992**.

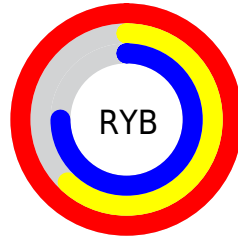
# Distribution



Red (100%)

Green (62%)

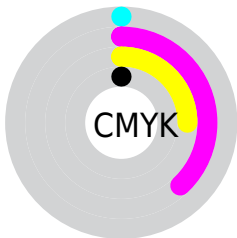
Blue (75%)



Red (100%)

Yellow (62%)

Blue (75%)

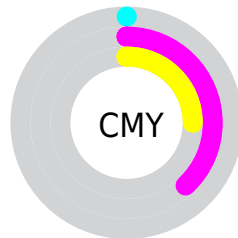


Cyan (0%)

Magenta (38%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (38%)














Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16752319 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 16752319 by changing the saturation by 10% instead.



 16752319	 16752319
16777215	 14779300
 16766711	 12872074
 16774143	 11030384
	 9188952
	 7412545
	 5636139
	 3932182
	 2359297
	 0

 16752319

 16752319

 16745646

 16758992

 16739229

 16765409

 16732813

 16772081

 16726140

16777215

 16719723

 16713050

 16711767

# Harmonies

## Analogous

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



15181283



16752319



16752794

# Triad

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



16752319



11584376



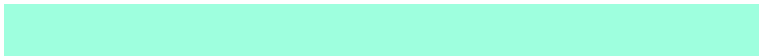
4049400

# Complementary

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



16752319



10420190

# 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.



1953500



16752319



8702866

# Square

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



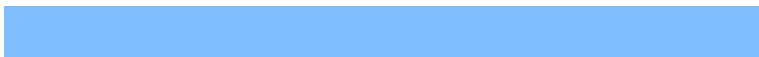
16752319



14071664



5426870



8437759

# Rectangle

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



16752319



16426885



5426870



2673648



# Sweetspot

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



16752319



16770028



14524159



8417141



0



8421504



# Same Dimension

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



16752319



16747186



16756126



8418167



12517441



4194326



# Inverse Universe

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



16752319



16747186



10416383



8418167



12517441

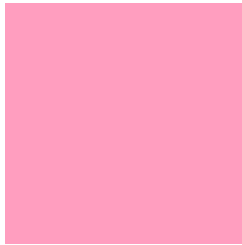


4194326



# Previews

## White Background



This preview shows how the Decimal color 16752319 looks on a white background.

## Color Contrast Check

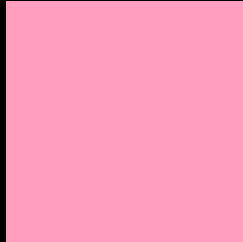
Large Text (above 18pt) WCAG AA × Fail

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 16752319 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 16752319 Background



This preview shows how black text looks on a background with the Decimal color 16752319.




This preview shows how white text looks on a background with the Decimal color 16752319.

# 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**  
16621997

# Trichromacy



**Original Color**  
16752319



**Protanomaly**  
13807818



**Deuteranomaly**  
14659004



**Tritanomaly**  
16687284

# Monochromacy



**Original Color**  
16752319



**Achromatopsia**  
12566463



**Achromatomaly**  
14070719

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16752319 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 #FF9EBF looks like.

```
.text, #text, p{  
    color:#FF9EBF  
}
```

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 #FF9EBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9EBF
}
```

## Border

The CSS property to change the border of an element to Decimal 16752319 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
#FF9EBF }
```

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

```
.border{ border-color:#FF9EBF }
```

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

Here you see how a box with a 4 pixel #FF9EBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9EBF; -webkit-box-shadow:4px 4px  
4px 4px #FF9EBF; box-shadow:4px 4px 4px  
4px #FF9EBF }
```

# Background

The CSS property to change the background color of an element to Decimal 16752319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9EBF }
```

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

```
.background{ background-color:#FF9EBF }
```

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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