

# Converting Colors

Decimal(16752341)

Have a look what the booklet for  
Decimal(16752341) contains.

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# **Color**

**Decimal(16752341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9ED5
RGB	255, 158, 213
RGB Percent	100%, 62%, 84%
CMY	0.0000, 0.3804, 0.1647
CMYK	0.00, 0.38, 0.16, 0.00
HSL	326°, 100%, 81%
HSV	326°, 38%, 100%
XYZ	65.4771, 50.5178, 69.2507
YIQ	193.2730, 40.1570, 37.6690

# Conversions

## Conversions Part 2

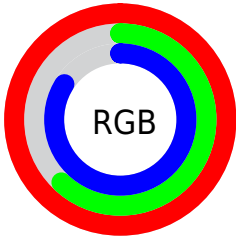
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 158, 213
Decimal	16752341
CIE Lab	76.39, 43.38, -12.71
CIE LCh	76, 45.199, 343.669
Yxy	50.5178, 0.3535, 0.2727
Android (android.graphics.Color)	4294942421 (0xFFFF9ED5)
YUV	193.2730, 9.7254, 54.1346
Hunter-Lab	71.0759, 40.0564, -8.0143

# Details

The Decimal color **16752341** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **10420168**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **16766719**, and **12937374** is the 20% darker color. If you saturate the color by 10%, you get **16745674**, and if you desaturate by 10%, it is **16759008**.

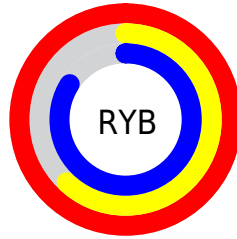
# Distribution



Red (100%)

Green (62%)

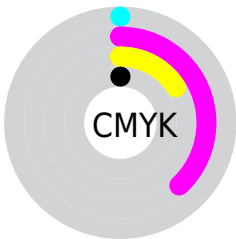
Blue (84%)



Red (100%)

Yellow (62%)

Blue (84%)

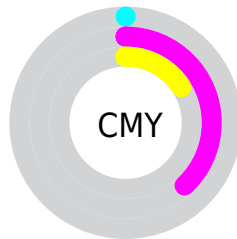


Cyan (0%)

Magenta (38%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16752341 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 16752341 by changing the saturation by 10% instead.



 16752341

 16752341

16777215

 14844857

 16766719

 12937374

 16774143

 11030404

 9254251

 7477587

 5701692

 3997734

 2490384

 0

 16752341

 16752341

 16745674

 16759008

 16739263

 16765419

 16732852

 16772086

 16726185

16777215

 16719774

 16713107

 16711825

# Harmonies

## Analogous

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



14265081



16752341



16751531

# Triad

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



16752341



12894313



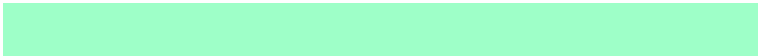
53237

# Complementary

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



16752341



10420168

# 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.



53967



16752341



9882494

# Square

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



16752341



15446636



6148516



4966399

# Rectangle

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



16752341



16752784



6148516



53737



# Sweetspot

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



16752341



16770035



13016831



8417144



0



8421504



# Same Dimension

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



16752341



16747212



16752294



8418170



12517484



4194340



# Inverse Universe

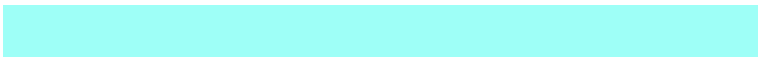
The Inverse Universe completely reimagines the original color for something new.



16752341



16747212



10420215



8418170



12517484



4194340



# Previews

## White Background



This preview shows how the Decimal color 16752341 looks on a white background.

## Color Contrast Check

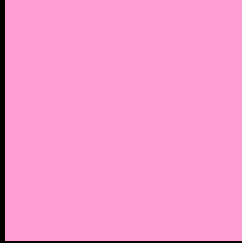
Large Text (above 18pt) WCAG AA × Fail

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 16752341 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 16752341 Background



This preview shows how black text looks on a background with the Decimal color 16752341.



This preview shows how white text looks on a background with the Decimal color 16752341.

# 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**  
16752341

**Protanopia**  
11713512

**Deuteranopia**  
13023440



**Tritanopia**  
16491953

# Trichromacy



**Original Color**  
16752341



**Protanomaly**  
13545697



**Deuteranomaly**  
14397394



**Tritanomaly**  
16556734

# Monochromacy



**Original Color**  
16752341



**Achromatopsia**  
12698049



**Achromatomaly**  
14202056

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16752341 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 #FF9ED5 looks like.

```
.text, #text, p{  
    color:#FF9ED5  
}
```

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 #FF9ED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9ED5
}
```

## Border

The CSS property to change the border of an element to Decimal 16752341 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
#FF9ED5 }
```

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

```
.border{ border-color:#FF9ED5 }
```

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

Here you see how a box with a 4 pixel #FF9ED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9ED5; -webkit-box-shadow:4px 4px  
4px 4px #FF9ED5; box-shadow:4px 4px 4px  
4px #FF9ED5 }
```

# Background

The CSS property to change the background color of an element to Decimal 16752341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9ED5 }
```

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

```
.background{ background-color:#FF9ED5 }
```

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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