

# Converting Colors

Decimal(16237021)

Have a look what the booklet for  
Decimal(16237021) contains.

<b>Decimal(16237021)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16237021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7C1DD
RGB	247, 193, 221
RGB Percent	97%, 76%, 87%
CMY	0.0314, 0.2431, 0.1333
CMYK	0.00, 0.22, 0.11, 0.03
HSL	329°, 77%, 86%
HSV	329°, 22%, 97%
XYZ	70.4789, 63.1345, 76.8782
YIQ	212.3380, 23.1960, 20.1560

# Conversions

## Conversions Part 2

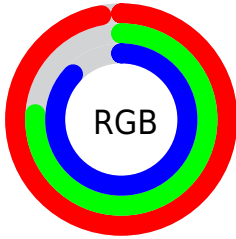
Format	Color
R <sub>YB</sub>	247, 193, 221
Decimal	16237021
CIE Lab	83.51, 23.62, -6.52
CIE LCh	84, 24.507, 344.577
Yxy	63.1345, 0.3348, 0.2999
Android (android.graphics.Color)	4294427101 (0xFF7C1DD)
YUV	212.3380, 4.2704, 30.3986
Hunter-Lab	79.4572, 19.2800, -1.7454

# Details

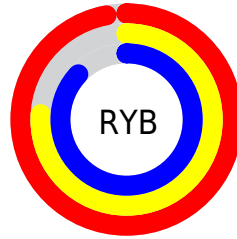
The Decimal color **16237021** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **12711899**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **16775935**, and **12487590** is the 20% darker color. If you saturate the color by 10%, you get **16230609**, and if you desaturate by 10%, it is **16243433**.

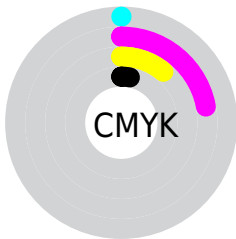
# Distribution



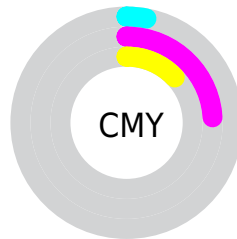
- Red (97%)
- Green (76%)
- Blue (87%)



- Red (97%)
- Yellow (76%)
- Blue (87%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (3%)



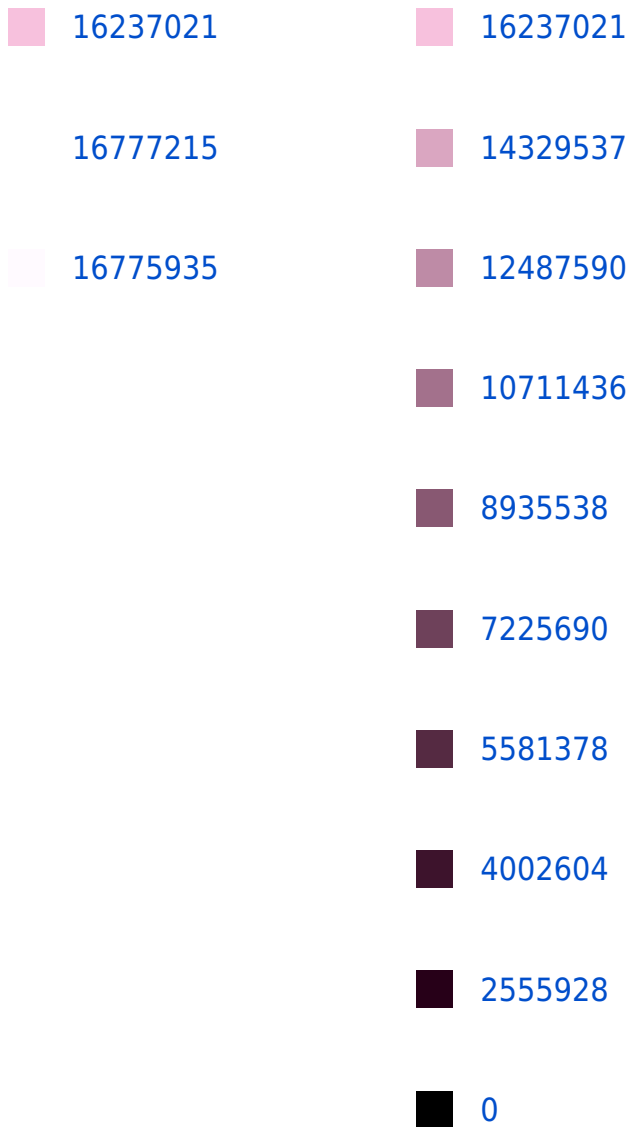
- Cyan (3%)
- Magenta (24%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16237021 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 16237021 by changing the saturation by 10% instead.





 16237021

 16237021

 16230609

 16243433

 16224453

 16249589

 16218041

 16252927

 16211629

 16205474

 16199062

 16192650

 16187520

# Harmonies

## Analogous

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



14862321



16237021



16761029

# Triad

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



16237021



14078627



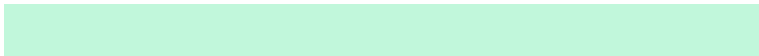
9690096

# Complementary

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



16237021



12711899

# 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.



9625051



16237021



12376495

# Square

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



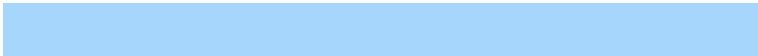
16237021



15584164



10738883



10934012

# Rectangle

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



16237021



16761527



10738883



9493737



# Sweetspot

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



16237021



16772598



14336503



8418683



0



8421504



# Same Dimension

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



16237021



16760287



16236995



8023669



12189793



3866654



# Inverse Universe

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



16237021



16760287



12711925



8023669



12189793

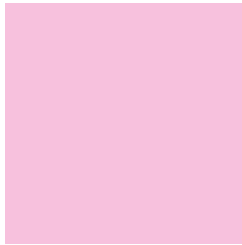


3866654



# Previews

## White Background



This preview shows how the Decimal color 16237021 looks on a white background.

## Color Contrast Check

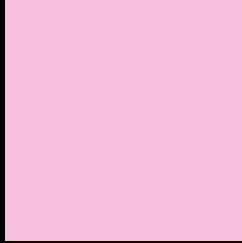
Large Text (above 18pt) WCAG AA × Fail

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 16237021 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 16237021 Background



This preview shows how black text looks on a background with the Decimal color 16237021.




This preview shows how white text looks on a background with the Decimal color 16237021.

# 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**  
16171986

# Trichromacy



**Original Color**  
16237021

**Protanomaly**  
14535395

**Deuteranomaly**  
15255516

**Tritanomaly**  
16171734

# Monochromacy



**Original Color**  
16237021

**Achromatopsia**  
13948116

**Achromatomaly**  
14798295

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16237021 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 #F7C1DD looks like.

```
.text, #text, p{  
    color:#F7C1DD  
}
```

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 #F7C1DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7C1DD
}
```

## Border

The CSS property to change the border of an element to Decimal 16237021 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
#F7C1DD }
```

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

```
.border{ border-color:#F7C1DD }
```

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

Here you see how a box with a 4 pixel #F7C1DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7C1DD; -webkit-box-shadow:4px 4px  
4px 4px #F7C1DD; box-shadow:4px 4px 4px  
4px #F7C1DD }
```

# Background

The CSS property to change the background color of an element to Decimal 16237021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7C1DD }
```

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

```
.background{ background-color:#F7C1DD }
```

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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