

# Converting Colors

Decimal(16742613)

Have a look what the booklet for  
Decimal(16742613) contains.

<b>Decimal(16742613)</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(16742613)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF78D5
RGB	255, 120, 213
RGB Percent	100%, 47%, 84%
CMY	0.0000, 0.5294, 0.1647
CMYK	0.00, 0.53, 0.16, 0.00
HSL	319°, 100%, 74%
HSV	319°, 53%, 100%
XYZ	59.9667, 39.4970, 67.4139
YIQ	170.9670, 50.6070, 57.5430

# Conversions

## Conversions Part 2

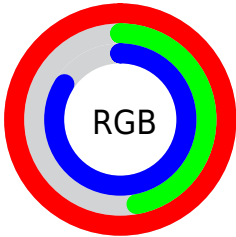
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 120, 213
Decimal	16742613
CIE Lab	69.11, 61.99, -23.72
CIE LCh	69, 66.370, 339.059
Yxy	39.4970, 0.3593, 0.2367
Android (android.graphics.Color)	4294932693 (0xFFFF78D5)
YUV	170.9670, 20.7223, 73.6969
Hunter-Lab	62.8467, 60.3385, -19.6061

# Details

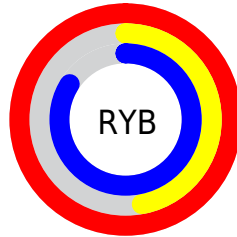
The Decimal color **16742613** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7929762**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16757247**, and **12795806** is the 20% darker color. If you saturate the color by 10%, you get **16736205**, and if you desaturate by 10%, it is **16749277**.

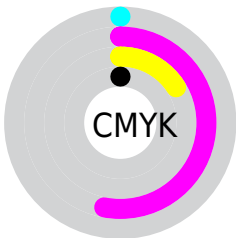
# Distribution



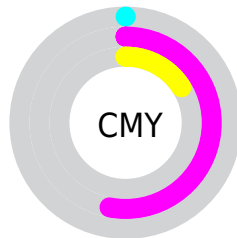
- Red (100%)
- Green (47%)
- Blue (84%)



- Red (100%)
- Yellow (47%)
- Blue (84%)



- Cyan (0%)
- Magenta (53%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16742613 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 16742613 by changing the saturation by 10% instead.



 16742613

 16742613

16777215

 14769337

 16757247

 12795806

 16764671


 10886532

 16772095

 9044074

 7209042

 5439547

 3801125

 1703949

 0

 16742613

 16742613

 16736205

 16749277

 16729541

 16755685

 16723133

 16762093

 16716469

 16768757

 16711856

 16775421

16777215

# Harmonies

## Analogous

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



12816895



16742613



16740249

# Triad

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



16742613



12037154



50163

# Complementary

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



16742613



7929762

# 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.



50618



16742613



7780932

# Square

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



16742613



15373874



50043



48127

# Rectangle

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



16742613



16742258



50043



50657



# Sweetspot

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



16742613



16766706



10582271



8415096



0



8421504



# Same Dimension

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



16742613



16735436



16742547



8418172



12517508



4194348



# Inverse Universe

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



16742613



16735436



7929828



8418172



12517508

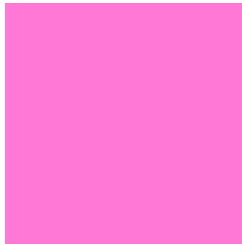


4194348



# Previews

## White Background



This preview shows how the Decimal color 16742613 looks on a white background.

## Color Contrast Check

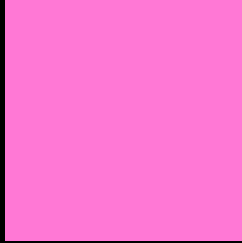
Large Text (above 18pt) WCAG AA × Fail

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 16742613 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 16742613 Background



This preview shows how black text looks on a background with the Decimal color 16742613.



This preview shows how white text looks on a background with the Decimal color 16742613.

# 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





# Trichromacy



**Original Color**  
16742613



**Protanomaly**  
12031467



**Deuteranomaly**  
13080016



**Tritanomaly**  
16482986

# Monochromacy



**Original Color**  
16742613



**Achromatopsia**  
11250603



**Achromatomaly**  
13277370

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16742613 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 #FF78D5 looks like.

```
.text, #text, p{  
    color:#FF78D5  
}
```

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 #FF78D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF78D5
}
```

## Border

The CSS property to change the border of an element to Decimal 16742613 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
#FF78D5 }
```

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

```
.border{ border-color:#FF78D5 }
```

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

Here you see how a box with a 4 pixel #FF78D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF78D5; -webkit-box-shadow:4px 4px  
4px 4px #FF78D5; box-shadow:4px 4px 4px  
4px #FF78D5 }
```

# Background

The CSS property to change the background color of an element to Decimal 16742613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF78D5 }
```

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

```
.background{ background-color:#FF78D5 }
```

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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