

# Converting Colors

Decimal(16763367)

Have a look what the booklet for  
Decimal(16763367) contains.

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# **Color**

**Decimal(16763367)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC9E7
RGB	255, 201, 231
RGB Percent	100%, 79%, 91%
CMY	0.0000, 0.2118, 0.0941
CMYK	0.00, 0.21, 0.09, 0.00
HSL	327°, 100%, 89%
HSV	327°, 21%, 100%
XYZ	76.5504, 68.8028, 84.8469
YIQ	220.5660, 22.5540, 20.7780

# Conversions

## Conversions Part 2

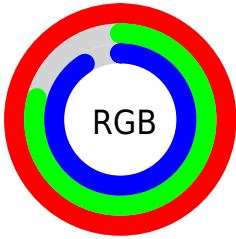
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 201, 231
Decimal	16763367
CIE Lab	86.41, 23.79, -7.48
CIE LCh	86, 24.942, 342.545
Yxy	68.8028, 0.3325, 0.2989
Android (android.graphics.Color)	4294953447 (0xFFFFC9E7)
YUV	220.5660, 5.1440, 30.1986
Hunter-Lab	82.9475, 19.5758, -2.5845

# Details

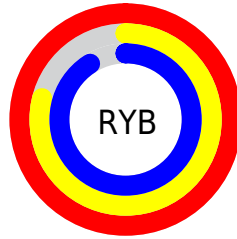
The Decimal color **16763367** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **13238241**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16777215**, and **13013935** is the 20% darker color. If you saturate the color by 10%, you get **16756956**, and if you desaturate by 10%, it is **16770034**.

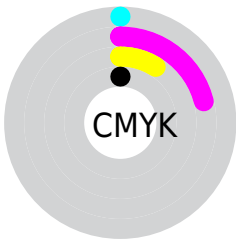
# Distribution



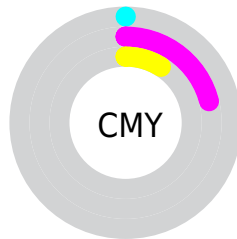
- Red (100%)
- Green (79%)
- Blue (91%)



- Red (100%)
- Yellow (79%)
- Blue (91%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16763367 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 16763367 by changing the saturation by 10% instead.




 16763367

 16763367

16777215

 14855627

 13013935

 11172245

 9396347

 7685986

 6041674

 4397620

 2884383

 1179652

 16763367

 16763367

 16756956

 16770034

 16750288

 16776446

 16743621

16777215

 16737210

 16730542

 16724131

 16717464

 16711822

# Harmonies

## Analogous

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



15323131



16763367



16763087

# Triad

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



16763367



14736042



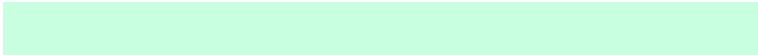
10085623

# Complementary

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



16763367



13238241

# 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.



10151650



16763367



12968373

# Square

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



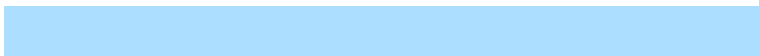
16763367



16241324



11265481



11263743

# Rectangle

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



16763367



16763328



11265481



9954801



# Sweetspot

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



16763367



16773368



14731775



8419196



0



8421504



# Same Dimension

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



16763367



16760803



16763341



8418170



12517482



4194339



# Inverse Universe

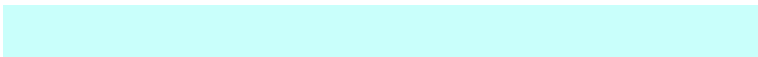
The Inverse Universe completely reimagines the original color for something new.



16763367



16760803



13238267



8418170



12517482



4194339



# Previews

## White Background



This preview shows how the Decimal color 16763367 looks on a white background.

## Color Contrast Check

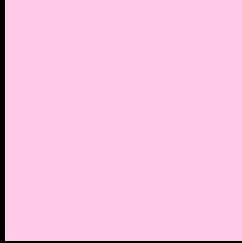
Large Text (above 18pt) WCAG AA × Fail

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 16763367 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 16763367 Background



This preview shows how black text looks on a background with the Decimal color 16763367.



This preview shows how white text looks on a background with the Decimal color 16763367.

# 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**  
16763367

**Protanopia**  
14079984

**Deuteranopia**  
15258341



**Tritanopia**  
16632795

# Trichromacy



**Original Color**  
16763367

**Protanomaly**  
15061741

**Deuteranomaly**  
15781862

**Tritanomaly**  
16698079

# Monochromacy



**Original Color**  
16763367

**Achromatopsia**  
14540253

**Achromatomaly**  
15324897

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16763367 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 #FFC9E7 looks like.

```
.text, #text, p{  
    color:#FFC9E7  
}
```

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 #FFC9E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC9E7
}
```

## Border

The CSS property to change the border of an element to Decimal 16763367 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
#FFC9E7 }
```

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

```
.border{ border-color:#FFC9E7 }
```

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

Here you see how a box with a 4 pixel #FFC9E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC9E7; -webkit-box-shadow:4px 4px  
4px 4px #FFC9E7; box-shadow:4px 4px 4px  
4px #FFC9E7 }
```

# Background

The CSS property to change the background color of an element to Decimal 16763367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC9E7 }
```

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

```
.background{ background-color:#FFC9E7 }
```

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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