

# Converting Colors

Decimal(16755911)

Have a look what the booklet for  
Decimal(16755911) contains.

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# **Color**

**Decimal(16755911)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFACC7
RGB	255, 172, 199
RGB Percent	100%, 67%, 78%
CMY	0.0000, 0.3255, 0.2196
CMYK	0.00, 0.33, 0.22, 0.00
HSL	340°, 100%, 84%
HSV	340°, 33%, 100%
XYZ	66.3013, 54.8886, 61.1329
YIQ	199.8950, 40.8010, 25.9930

# Conversions

## Conversions Part 2

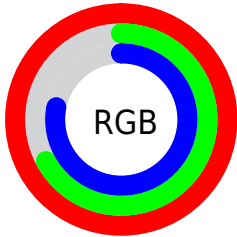
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 172, 199
Decimal	16755911
CIE Lab	78.98, 34.05, -1.24
CIE LCh	79, 34.075, 357.914
Yxy	54.8886, 0.3636, 0.3011
Android (android.graphics.Color)	4294945991 (0xFFFFACC7)
YUV	199.8950, -0.4412, 48.3271
Hunter-Lab	74.0868, 30.0902, 2.9375

# Details

The Decimal color **16755911** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **11337700**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16770303**, and **12941201** is the 20% darker color. If you saturate the color by 10%, you get **16749494**, and if you desaturate by 10%, it is **16762584**.

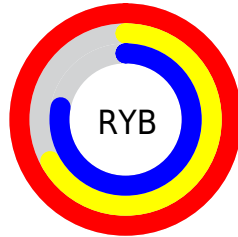
# Distribution



Red (100%)

Green (67%)

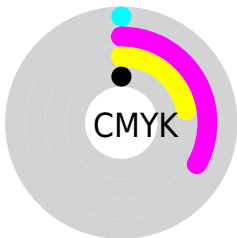
Blue (78%)



Red (100%)

Yellow (67%)

Blue (78%)

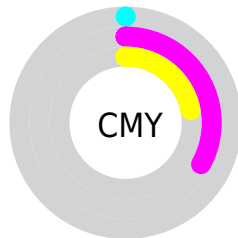


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16755911 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 16755911 by changing the saturation by 10% instead.



 16755911

 16755911

16777215

 14848428

 16770303

 12941201

 11099512

 9258079

 7482439

 5771825

 4063260

 2752513

 0

 16755911

 16755911

 16749494

 16762584

 16742821

 16769001

 16736403

 16775675

 16729730

16777215

 16723313

 16716640

 16711763

# Harmonies

## Analogous

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



15381222



16755911



16756391

# Triad

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



16755911



12307339



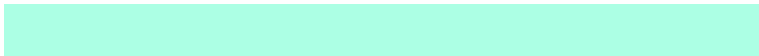
7065848

# Complementary

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



16755911



11337700

# 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.



6083808



16755911



9884321

# Square

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



16755911



14467460



7525824



9881599

# Rectangle

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



16755911



16495510



7525824



6476530



# Sweetspot

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



16755911



16770798



14920959



8417397



0



8421504



# Same Dimension

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



16755911



16751804



16759468



8418167



12517438



4194325



# Inverse Universe

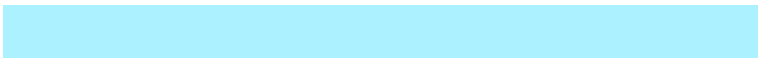
The Inverse Universe completely reimagines the original color for something new.



16755911



16751804



11334143



8418167



12517438

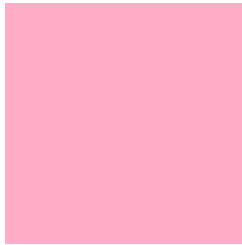


4194325



# Previews

## White Background



This preview shows how the Decimal color 16755911 looks on a white background.

## Color Contrast Check

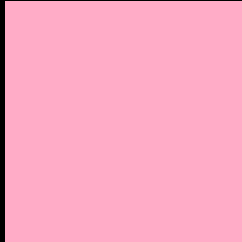
Large Text (above 18pt) WCAG AA × Fail

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 16755911 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 16755911 Background



This preview shows how black text looks on a background with the Decimal color 16755911.



This preview shows how white text looks on a background with the Decimal color 16755911.

# 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](#).

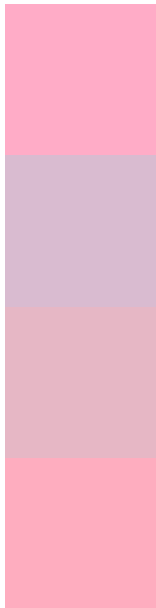
## Dichromacy





**Tritanopia**  
16690875

# Trichromacy



**Original Color**  
16755911

**Protanomaly**  
14269392

**Deuteranomaly**  
15120325

**Tritanomaly**  
16690623

# Monochromacy



**Original Color**  
16755911

**Achromatopsia**  
13158600

**Achromatomaly**  
14466760

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16755911 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 #FFACC7 looks like.

```
.text, #text, p{  
    color:#FFACC7  
}
```

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 #FFACC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFACC7
}
```

## Border

The CSS property to change the border of an element to Decimal 16755911 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
#FFACC7 }
```

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

```
.border{ border-color:#FFACC7 }
```

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

Here you see how a box with a 4 pixel #FFACC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFACC7; -webkit-box-shadow:4px 4px  
4px 4px #FFACC7; box-shadow:4px 4px 4px  
4px #FFACC7 }
```

# Background

The CSS property to change the background color of an element to Decimal 16755911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFACC7 }
```

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

```
.background{ background-color:#FFACC7 }
```

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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