

# Converting Colors

Decimal(16754659)

Have a look what the booklet for  
Decimal(16754659) contains.

<b>Decimal(16754659)</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(16754659)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA7E3
RGB	255, 167, 227
RGB Percent	100%, 65%, 89%
CMY	0.0000, 0.3451, 0.1098
CMYK	0.00, 0.35, 0.11, 0.00
HSL	319°, 100%, 83%
HSV	319°, 35%, 100%
XYZ	68.9238, 54.4435, 79.5490
YIQ	200.1520, 33.1880, 37.3160

# Conversions

## Conversions Part 2

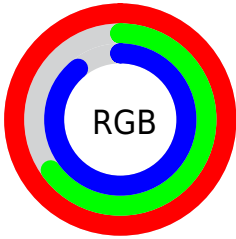
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 167, 227
Decimal	16754659
CIE Lab	78.72, 40.93, -16.82
CIE LCh	79, 44.255, 337.660
Yxy	54.4435, 0.3397, 0.2683
Android (android.graphics.Color)	4294944739 (0xFFFFA7E3)
YUV	200.1520, 13.2361, 48.1017
Hunter-Lab	73.7858, 37.6129, -12.2709

# Details

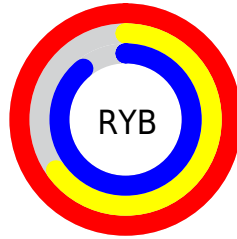
The Decimal color **16754659** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **11009987**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16769023**, and **12939692** is the 20% darker color. If you saturate the color by 10%, you get **16748251**, and if you desaturate by 10%, it is **16761323**.

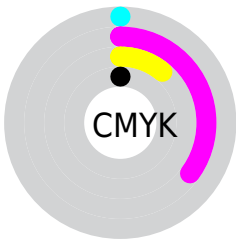
# Distribution



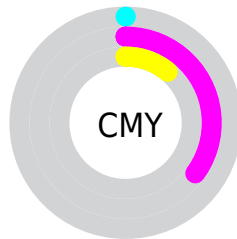
- Red (100%)
- Green (65%)
- Blue (89%)



- Red (100%)
- Yellow (65%)
- Blue (89%)



- Cyan (0%)
- Magenta (35%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16754659 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 16754659 by changing the saturation by 10% instead.



 16754659

 16754659

16777215

 14847175

 16769023

 12939692

 16776447

 11098257

 9256567

 7546206

 5834311

 4128816

 2752540

 0

 16754659

 16754659

 16748251

 16761323

 16741587

 16767731

 16735179

 16774395

 16728515

16777215

 16722106

 16715442

 16711854

# Harmonies

## Analogous

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



14005503



16754659



16753338

# Triad

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



16754659



13878384



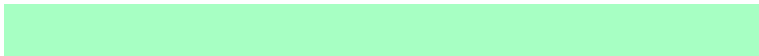
55284

# Complementary

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



16754659



11009987

# 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.



3004876



16754659



10997632

# Square

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



16754659



16234103



7591586



4706559

# Rectangle

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



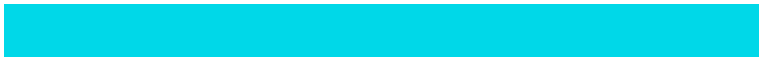
16754659



16754079



7591586



55528



# Sweetspot

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



16754659



16770807



12822527



8417403



0



8421504



# Same Dimension

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



16754659



16750302



16754615



8418171



12517506



4194347



# Inverse Universe

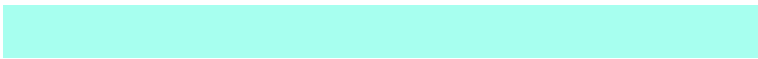
The Inverse Universe completely reimagines the original color for something new.



16754659



16750302



11010031



8418171



12517506



4194347



# Previews

## White Background



This preview shows how the Decimal color 16754659 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 16754659 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 16754659 Background



This preview shows how black text looks on a background with the Decimal color 16754659.



This preview shows how white text looks on a background with the Decimal color 16754659.

# 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**  
16428732

# Trichromacy



**Original Color**  
16754659



**Protanomaly**  
13744366



**Deuteranomaly**  
14530272

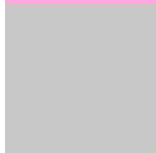


**Tritanomaly**  
16559050

# Monochromacy



**Original Color**  
16754659



**Achromatopsia**  
13158600



**Achromatomaly**  
14466258

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16754659 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 #FFA7E3 looks like.

```
.text, #text, p{  
  color:#FFA7E3  
}
```

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 #FFA7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA7E3
}
```

## Border

The CSS property to change the border of an element to Decimal 16754659 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
#FFA7E3 }
```

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

```
.border{ border-color:#FFA7E3 }
```

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

Here you see how a box with a 4 pixel #FFA7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA7E3; -webkit-box-shadow:4px 4px  
4px 4px #FFA7E3; box-shadow:4px 4px 4px  
4px #FFA7E3 }
```

# Background

The CSS property to change the background color of an element to Decimal 16754659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA7E3 }
```

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

```
.background{ background-color:#FFA7E3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor