

# Converting Colors

Decimal(16555187)

Have a look what the booklet for  
Decimal(16555187) contains.

<b>Decimal(16555187)</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(16555187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC9CB3
RGB	252, 156, 179
RGB Percent	99%, 61%, 70%
CMY	0.0118, 0.3882, 0.2980
CMYK	0.00, 0.38, 0.29, 0.01
HSL	346°, 94%, 80%
HSV	346°, 38%, 99%
XYZ	60.1700, 47.7271, 48.6888
YIQ	187.3260, 49.8330, 27.5050

# Conversions

## Conversions Part 2

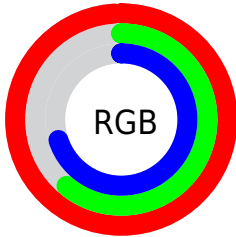
Format	Color
R <sub>Y</sub> B	252, 156, 179
Decimal	16555187
CIE Lab	74.65, 38.58, 3.36
CIE LCh	75, 38.725, 4.974
Yxy	47.7271, 0.3843, 0.3048
Android (android.graphics.Color)	4294745267 (0xFFFC9CB3)
YUV	187.3260, -4.1047, 56.7191
Hunter-Lab	69.0848, 34.5679, 6.5736

# Details

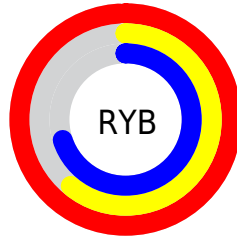
The Decimal color **16555187** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **10288357**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16766187**, and **12674942** is the 20% darker color. If you saturate the color by 10%, you get **16548768**, and if you desaturate by 10%, it is **16561606**.

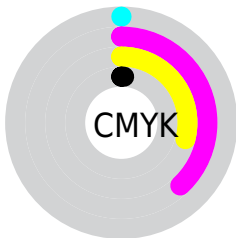
# Distribution



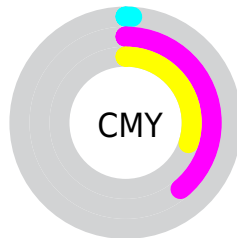
- Red (99%)
- Green (61%)
- Blue (70%)



- Red (99%)
- Yellow (61%)
- Blue (70%)



- Cyan (0%)
- Magenta (38%)
- Yellow (29%)
- Black (1%)
















- Cyan (1%)
- Magenta (39%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16555187 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 16555187 by changing the saturation by 10% instead.



 16555187	 16555187
16777215	 14582168
 16766187	 12674942
 16773375	 10833253
	 8991822
	 7215671
	 5439522
	 3801099
	 1900545
	 0

 16555187

 16555187

 16548768

 16561606

 16542349

 16568025

 16535674

 16574700

 16529254

 16580607

 16522835

 16516416

 16515132

# Harmonies

## Analogous

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



15376855



16555187



16490641

# Triad

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



16555187



10732156



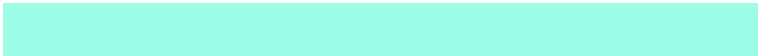
5424119

# Complementary

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



16555187



10288357

# 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.



2607583



16555187



7915672

# Square

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



16555187



13285232



4836285



9353726

# Rectangle

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



16555187



15771519



4836285



4114161



# Sweetspot

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



16555187



16770026



14982396



8417139



0



8421504



# Same Dimension

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



16555187



16747174



16561308



8220787



12386349



3997711



# Inverse Universe

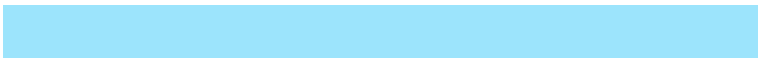
The Inverse Universe completely reimagines the original color for something new.



16555187



16747174



10282236



8220787



12386349



3997711



# Previews

## White Background



This preview shows how the Decimal color 16555187 looks on a white background.

## Color Contrast Check

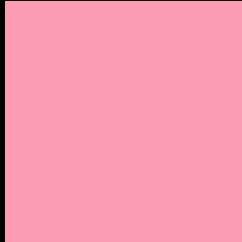
Large Text (above 18pt) WCAG AA × Fail

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 16555187 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 16555187 Background



This preview shows how black text looks on a background with the Decimal color 16555187.




This preview shows how white text looks on a background with the Decimal color 16555187.

# 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**  
16490153

# Trichromacy



**Original Color**  
16555187



**Protanomaly**  
13741501



**Deuteranomaly**  
14592688



**Tritanomaly**  
16489901

# Monochromacy



**Original Color**  
16555187



**Achromatopsia**  
12303291



**Achromatomaly**  
13873336

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16555187 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 #FC9CB3 looks like.

```
.text, #text, p{  
    color:#FC9CB3  
}
```

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 #FC9CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC9CB3
}
```

## Border

The CSS property to change the border of an element to Decimal 16555187 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
#FC9CB3 }
```

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

```
.border{ border-color:#FC9CB3 }
```

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

Here you see how a box with a 4 pixel #FC9CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC9CB3; -webkit-box-shadow:4px 4px  
4px 4px #FC9CB3; box-shadow:4px 4px 4px  
4px #FC9CB3 }
```

# Background

The CSS property to change the background color of an element to Decimal 16555187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC9CB3 }
```

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

```
.background{ background-color:#FC9CB3 }
```

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