

# Converting Colors

Decimal(16684201)

Have a look what the booklet for  
Decimal(16684201) contains.

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# **Color**

**Decimal(16684201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE94A9
RGB	254, 148, 169
RGB Percent	100%, 58%, 66%
CMY	0.0039, 0.4196, 0.3373
CMYK	0.00, 0.42, 0.33, 0.00
HSL	348°, 98%, 79%
HSV	348°, 42%, 100%
XYZ	58.6244, 45.1152, 43.1544
YIQ	182.0880, 56.4350, 29.0030

# Conversions

## Conversions Part 2

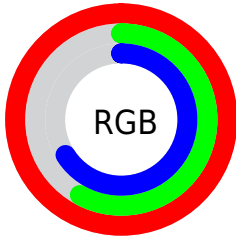
Format	Color
<b>R<sub>YB</sub></b>	254, 148, 169
Decimal	16684201
CIE <sub>Lab</sub>	72.97, 42.13, 6.48
CIE <sub>LCh</sub>	73, 42.629, 8.747
Yxy	45.1152, 0.3991, 0.3071
Android (android.graphics.Color)	4294874281 (0xFFFE94A9)
YUV	182.0880, -6.4524, 63.0668
Hunter-Lab	67.1679, 38.2518, 8.9245

# Details

The Decimal color **16684201** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9764585**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16764128**, and **12803957** is the 20% darker color. If you saturate the color by 10%, you get **16677781**, and if you desaturate by 10%, it is **16690621**.

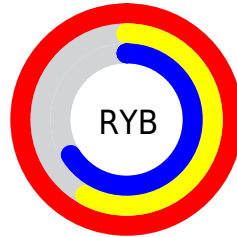
# Distribution



Red (100%)

Green (58%)

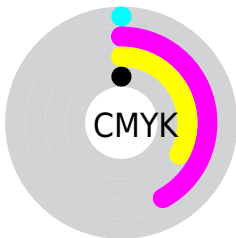
Blue (66%)



Red (100%)

Yellow (58%)

Blue (66%)

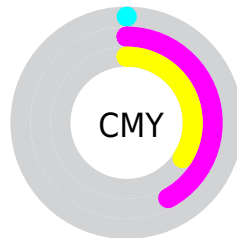


Cyan (0%)

Magenta (42%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16684201 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 16684201 by changing the saturation by 10% instead.



 16684201

 16684201

16777215

 14711183


 16764128

 12803957


 16771325

 10896733

 9055045

 7212335

 5373978

 3801088

 1572865

 0

 16684201

 16684201

 16677781

 16690621

 16671104

 16697298

 16664684

 16703718

 16658008

 16710394

 16651587

16711679

 16646194

# Harmonies

## Analogous

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



15571152



16684201



16423556

# Triad

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



16684201



9944949



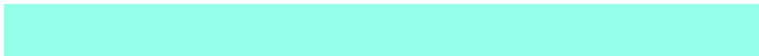
4046843

# Complementary

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



16684201



9764585

# 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.



50915



16684201



6669973

# Square

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



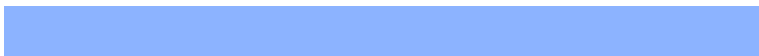
16684201



12694885



1624254



9221119

# Rectangle

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



16684201



15508081



1624254



1098485



# Sweetspot

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



16684201



16768740



15308030



8416111



0



8421504



# Same Dimension

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



16684201



16744601



16692372



8418165



12517414



4194317



# Inverse Universe

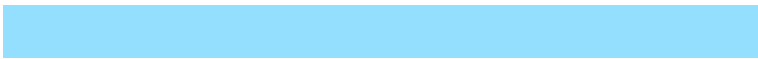
The Inverse Universe completely reimagines the original color for something new.



16684201



16744601



9756414



8418165



12517414



4194317



# Previews

## White Background



This preview shows how the Decimal color 16684201 looks on a white background.

## Color Contrast Check

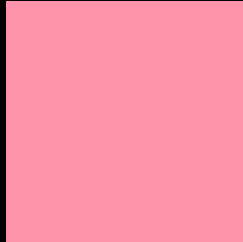
Large Text (above 18pt) WCAG AA × Fail

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 16684201 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 16684201 Background



This preview shows how black text looks on a background with the Decimal color 16684201.



This preview shows how white text looks on a background with the Decimal color 16684201.

# 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**  
16684201

**Protanopia**  
11908026

**Deuteranopia**  
13282725



**Tritanopia**  
16618912

# Trichromacy



**Original Color**  
16684201



**Protanomaly**  
13674676



**Deuteranomaly**  
14525606



**Tritanomaly**  
16618915

# Monochromacy



**Original Color**  
16684201



**Achromatopsia**  
11974326



**Achromatomaly**  
13675185

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16684201 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 #FE94A9 looks like.

```
.text, #text, p{  
    color:#FE94A9  
}
```

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 #FE94A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE94A9
}
```

## Border

The CSS property to change the border of an element to Decimal 16684201 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
#FE94A9 }
```

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

```
.border{ border-color:#FE94A9 }
```

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

Here you see how a box with a 4 pixel #FE94A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE94A9; -webkit-box-shadow:4px 4px  
4px 4px #FE94A9; box-shadow:4px 4px 4px  
4px #FE94A9 }
```

# Background

The CSS property to change the background color of an element to Decimal 16684201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE94A9 }
```

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

```
.background{ background-color:#FE94A9 }
```

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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