

# Converting Colors

Decimal(16369354)

Have a look what the booklet for  
Decimal(16369354) contains.

<b>Decimal(16369354)</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(16369354)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9C6CA
RGB	249, 198, 202
RGB Percent	98%, 78%, 79%
CMY	0.0235, 0.2235, 0.2078
CMYK	0.00, 0.20, 0.19, 0.02
HSL	355°, 81%, 88%
HSV	355°, 20%, 98%
XYZ	69.9217, 64.7922, 64.6980
YIQ	213.7050, 29.1120, 12.0560

# Conversions

## Conversions Part 2

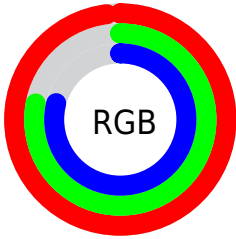
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 198, 202
Decimal	16369354
CIE Lab	84.38, 18.71, 4.92
CIE LCh	84, 19.344, 14.741
Yxy	64.7922, 0.3506, 0.3249
Android (android.graphics.Color)	4294559434 (0xFFFF9C6CA)
YUV	213.7050, -5.7706, 30.9537
Hunter-Lab	80.4936, 14.1923, 8.6902

# Details

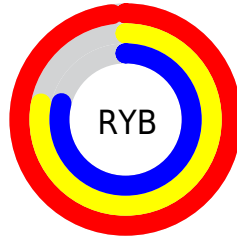
The Decimal color **16369354** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **13040117**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16777215**, and **12619924** is the 20% darker color. If you saturate the color by 10%, you get **16362931**, and if you desaturate by 10%, it is **16375777**.

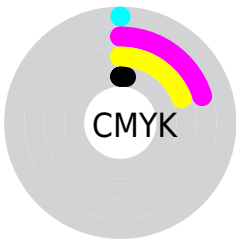
# Distribution



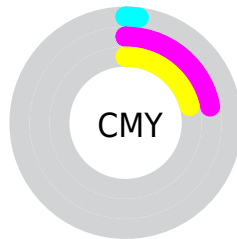
- Red (98%)
- Green (78%)
- Blue (79%)



- Red (98%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16369354 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 16369354 by changing the saturation by 10% instead.



16369354

16369354

16777215

14461871

12619924

10778234

9002337

7292234

5648179

4069662

2621701

0

 16369354

 16369354

 16362931

 16375777

 16356508

 16382200

 16350085

 16383999

 16343662

 16337495

 16331072

 16324649

 16318484

# Harmonies

## Analogous

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



15910877



16369354



16173498

# Triad

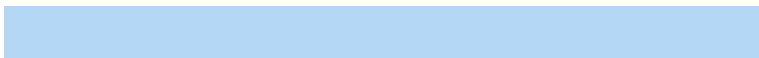
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16369354



12835256



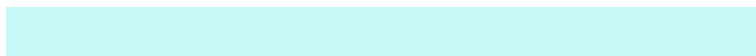
11786229

# Complementary

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



16369354



13040117

# 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.



10869740



16369354



11525576

# Square

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



16369354



14144687



10804699



13292022

# Rectangle

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



16369354



15715506



10804699



11393523

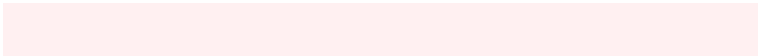


# Sweetspot

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



16369354



16773361



16107257



8419191



0



8421504



# Same Dimension

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



16369354



16760772



16374726



8220785



12386319



3997701



# Inverse Universe

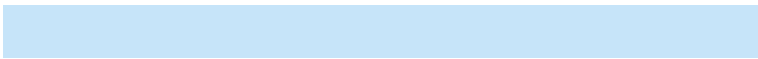
The Inverse Universe completely reimagines the original color for something new.



16369354



16760772



13034745



8220785



12386319



3997701



# Previews

## White Background



This preview shows how the Decimal color 16369354 looks on a white background.

## Color Contrast Check

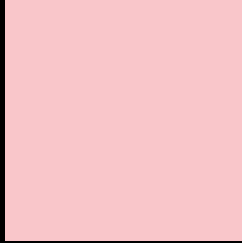
Large Text (above 18pt) WCAG AA × Fail

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 16369354 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 16369354 Background



This preview shows how black text looks on a background with the Decimal color 16369354.



This preview shows how white text looks on a background with the Decimal color 16369354.

# 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**  
16369354

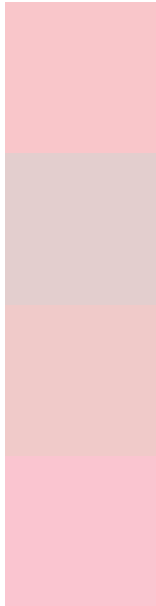
**Protanopia**  
14144209

**Deuteranopia**  
15453385



**Tritanopia**  
16434388

# Trichromacy



**Original Color**  
16369354

**Protanomaly**  
14929614

**Deuteranomaly**  
15780553

**Tritanomaly**  
16434640

# Monochromacy



**Original Color**  
16369354

**Achromatopsia**  
14079702

**Achromatomaly**  
14930130

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16369354 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 #F9C6CA looks like.

```
.text, #text, p{  
    color:#F9C6CA  
}
```

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 #F9C6CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9C6CA
}
```

## Border

The CSS property to change the border of an element to Decimal 16369354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

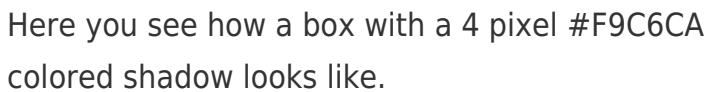
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F9C6CA }
```

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

```
.border{ border-color:#F9C6CA }
```

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



Here you see how a box with a 4 pixel #F9C6CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9C6CA; -webkit-box-shadow:4px 4px  
4px 4px #F9C6CA; box-shadow:4px 4px 4px  
4px #F9C6CA }
```

# Background

The CSS property to change the background color of an element to Decimal 16369354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9C6CA }
```

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

```
.background{ background-color:#F9C6CA }
```

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