

# Converting Colors

Decimal(16100569)

Have a look what the booklet for  
Decimal(16100569) contains.

<b>Decimal(16100569)</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(16100569)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5ACD9
RGB	245, 172, 217
RGB Percent	96%, 67%, 85%
CMY	0.0392, 0.3255, 0.1490
CMYK	0.00, 0.30, 0.11, 0.04
HSL	323°, 78%, 82%
HSV	323°, 30%, 96%
XYZ	64.9331, 53.9273, 72.6323
YIQ	198.9570, 29.0630, 29.4710

# Conversions

## Conversions Part 2

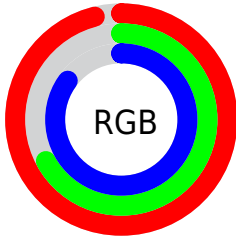
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 172, 217
Decimal	16100569
CIE Lab	78.42, 33.38, -11.96
CIE LCh	78, 35.462, 340.291
Yxy	53.9273, 0.3391, 0.2816
Android (android.graphics.Color)	4294290649 (0xFFF5ACD9)
YUV	198.9570, 8.8952, 40.3797
Hunter-Lab	73.4352, 29.3222, -7.2371

# Details

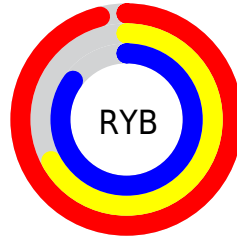
The Decimal color **16100569** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **11335112**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **16770303**, and **12351394** is the 20% darker color. If you saturate the color by 10%, you get **16094416**, and if you desaturate by 10%, it is **16106978**.

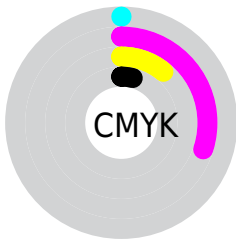
# Distribution



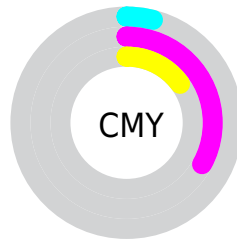
- Red (96%)
- Green (67%)
- Blue (85%)



- Red (96%)
- Yellow (67%)
- Blue (85%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16100569 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 16100569 by changing the saturation by 10% instead.



16100569

16100569

16777215

14193085

16770303

12351394

10509704

8733806


7023702

5313599

3735593

2359316

0

 16100569

 16100569

 16094416

 16106978

 16088006

 16113132

 16081853

 16119541

 16075443

 16121855

 16069290

 16062881

 16056727

 16056471

# Harmonies

## Analogous

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



14005748



16100569



16755128

# Triad

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



16100569



13485185



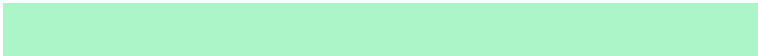
5559020

# Complementary

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



16100569



11335112

# 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.



6214861



16100569



11128207

# Square

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



16100569



15513733



8573611



7719935

# Rectangle

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



16100569



16755874



8573611



5428194



# Sweetspot

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



16100569



16771318



13151477



8417658



0



8421504



# Same Dimension

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



16100569



16753628



16100533



8023670



12189811



3866660



# Inverse Universe

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



16100569



16753628



11335148



8023670



12189811

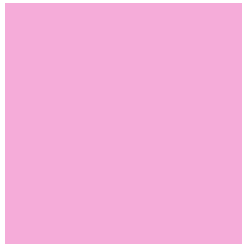


3866660



# Previews

## White Background



This preview shows how the Decimal color 16100569 looks on a white background.

## Color Contrast Check

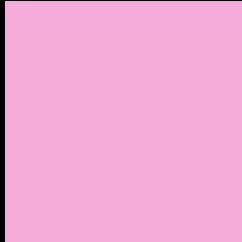
Large Text (above 18pt) WCAG AA × Fail

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 16100569 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 16100569 Background



This preview shows how black text looks on a background with the Decimal color 16100569.



This preview shows how white text looks on a background with the Decimal color 16100569.

# 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**  
15905214

# Trichromacy



**Original Color**  
16100569



**Protanomaly**  
13679074



**Deuteranomaly**  
14399447

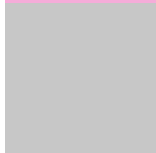


**Tritanomaly**  
15970248

# Monochromacy



**Original Color**  
16100569



**Achromatopsia**  
13092807



**Achromatomaly**  
14204366

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16100569 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 #F5ACD9 looks like.

```
.text, #text, p{  
    color:#F5ACD9  
}
```

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 #F5ACD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5ACD9
}
```

## Border

The CSS property to change the border of an element to Decimal 16100569 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
#F5ACD9 }
```

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

```
.border{ border-color:#F5ACD9 }
```

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

Here you see how a box with a 4 pixel #F5ACD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5ACD9; -webkit-box-shadow:4px 4px  
4px 4px #F5ACD9; box-shadow:4px 4px 4px  
4px #F5ACD9 }
```

# Background

The CSS property to change the background color of an element to Decimal 16100569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5ACD9 }
```

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

```
.background{ background-color:#F5ACD9 }
```

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