

# Converting Colors

Decimal(16109562)

Have a look what the booklet for  
Decimal(16109562) contains.

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# **Color**

**Decimal(16109562)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5CFFA
RGB	245, 207, 250
RGB Percent	96%, 81%, 98%
CMY	0.0392, 0.1882, 0.0196
CMYK	0.02, 0.17, 0.00, 0.02
HSL	293°, 81%, 90%
HSV	293°, 17%, 98%
XYZ	77.2243, 70.9403, 100.0652
YIQ	223.2640, 8.8450, 21.4290

# Conversions

## Conversions Part 2

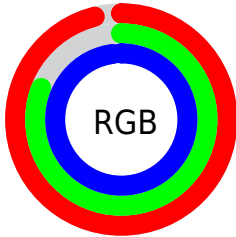
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 207, 250
Decimal	16109562
CIE <sub>Lab</sub>	87.46, 20.63, -16.08
CIE <sub>LCh</sub>	87, 26.154, 322.073
Yxy	70.9403, 0.3111, 0.2858
Android (android.graphics.Color)	4294299642 (0xFFF5CFFA)
YUV	223.2640, 13.1808, 19.0625
Hunter-Lab	84.2260, 16.2657, -11.4815

# Details

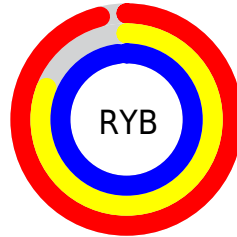
The Decimal color **16109562** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **13957839**, and the grayscale version is **14671839**.

A 20% lighter version of the original color is **16777215**, and **12359873** is the 20% darker color. If you saturate the color by 10%, you get **15906554**, and if you desaturate by 10%, it is **16312570**.

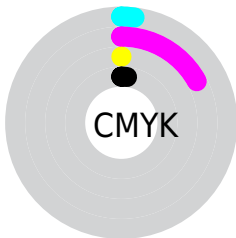
# Distribution



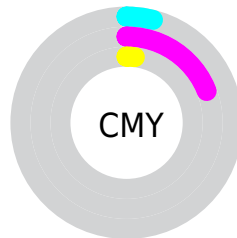
- Red (96%)
- Green (81%)
- Blue (98%)



- Red (96%)
- Yellow (81%)
- Blue (98%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (19%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16109562 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 16109562 by changing the saturation by 10% instead.



16109562

16109562

16777215

14201821

12359873

10583718

8873356

7163250

5518938

4005954

2493228

786455

 16109562

 16109562

 15906554

 16312570

 15703546

 16515066

 15500538

 16711674

 15297530

 16777210

 15094522

 14957050

 14754042

 14551034

 14483706

# Harmonies

## Analogous

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



14145535



16109562



16763619

# Triad

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



16109562



16045994



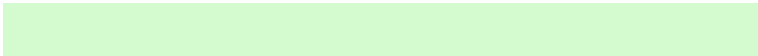
9890285

# Complementary

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



16109562



13957839

# 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.



10807763



16109562



14344109

# Square

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



16109562



16764853



12510908



10282751

# Rectangle

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



16109562



16763602



12510908



10086885



# Sweetspot

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



16109562



16708351



13620474



8353920



0



8421504



# Same Dimension

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



16109562



16370175



16437226



8089725



10944701



3539005



# Inverse Universe

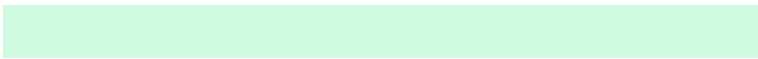
The Inverse Universe completely reimagines the original color for something new.



16437204



16763344



13630175



8220786



12386326



3997703



# Previews

## White Background



This preview shows how the Decimal color 16109562 looks on a white background.

## Color Contrast Check

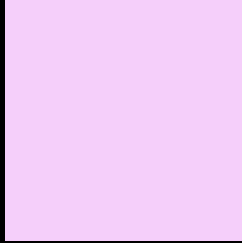
Large Text (above 18pt) WCAG AA × Fail

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 16109562 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 16109562 Background



This preview shows how black text looks on a background with the Decimal color 16109562.




This preview shows how white text looks on a background with the Decimal color 16109562.

# 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**  
15913955

# Trichromacy



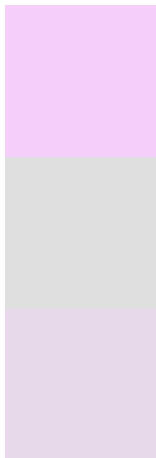
**Original Color**  
16109562

**Protanomaly**  
14735101

**Deuteranomaly**  
15389689

**Tritanomaly**  
15979243

# Monochromacy



**Original Color**  
16109562

**Achromatopsia**  
14671839

**Achromatomaly**  
15194601

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16109562 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 #F5CFFA looks like.

```
.text, #text, p{  
    color:#F5CFFA  
}
```

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 #F5CFFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5CFFA
}
```

## Border

The CSS property to change the border of an element to Decimal 16109562 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
#F5CFFA }
```

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

```
.border{ border-color:#F5CFFA }
```

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

Here you see how a box with a 4 pixel #F5CFFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5CFFA; -webkit-box-shadow:4px 4px  
4px 4px #F5CFFA; box-shadow:4px 4px 4px  
4px #F5CFFA }
```

# Background

The CSS property to change the background color of an element to Decimal 16109562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5CFFA }
```

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

```
.background{ background-color:#F5CFFA }
```

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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