

# Converting Colors

Decimal(16762358)

Have a look what the booklet for  
Decimal(16762358) contains.

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# **Color**

**Decimal(16762358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC5F6
RGB	255, 197, 246
RGB Percent	100%, 77%, 96%
CMY	0.0000, 0.2275, 0.0353
CMYK	0.00, 0.23, 0.04, 0.00
HSL	309°, 100%, 89%
HSV	309°, 23%, 100%
XYZ	77.8408, 67.8463, 96.1818
YIQ	219.9280, 18.8390, 27.5350

# Conversions

## Conversions Part 2

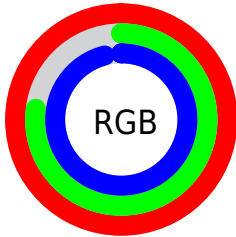
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 197, 246
Decimal	16762358
CIE <sub>Lab</sub>	85.93, 28.45, -16.16
CIE <sub>LCh</sub>	86, 32.717, 330.402
Yxy	67.8463, 0.3218, 0.2805
Android (android.graphics.Color)	4294952438 (0xFFFFC5F6)
YUV	219.9280, 12.8535, 30.7581
Hunter-Lab	82.3689, 24.5418, -11.5745

# Details

The Decimal color **16762358** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **12976078**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16776959**, and **13012926** is the 20% darker color. If you saturate the color by 10%, you get **16755954**, and if you desaturate by 10%, it is **16769018**.

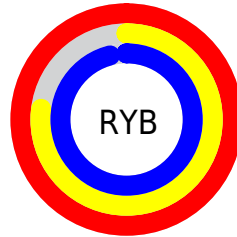
# Distribution



Red (100%)

Green (77%)

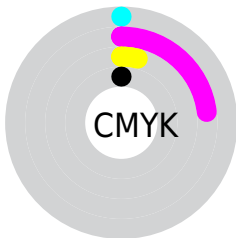
Blue (96%)



Red (100%)

Yellow (77%)

Blue (96%)

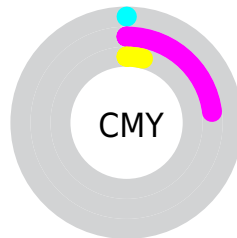


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16762358 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 16762358 by changing the saturation by 10% instead.



 16762358


 16762358

16777215

 14854873

16776959

 13012926

 11171235

 9395336

 7684975

 6040662

 4396351

 2883625

 1114132

 16762358

 16762358

 16755954

 16769018

 16749294

 16775422

 16742890

16777215

 16736230

 16729570

 16723166

 16716506

 16711895

# Harmonies

## Analogous

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



14471167



16762358



16761048

# Triad

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



16762358



15586713



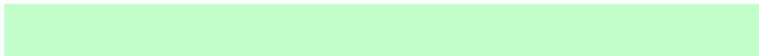
7923701

# Complementary

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



16762358



12976078

# 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.



8906966



16762358



13426337

# Square

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



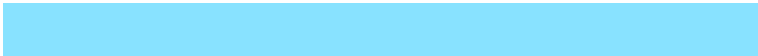
16762358



16763810



11068855



8971007

# Rectangle

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



16762358



16761283



11068855



8055019



# Sweetspot

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



16762358



16772604



13551103



8418686



0



8421504



# Same Dimension

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



16762358



16759540



16762329



8418174



12517538



4194358



# Inverse Universe

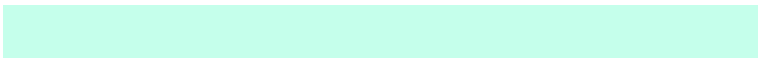
The Inverse Universe completely reimagines the original color for something new.



16762358



16759540



12976107



8418174



12517538



4194358



# Previews

## White Background



This preview shows how the Decimal color 16762358 looks on a white background.

## Color Contrast Check

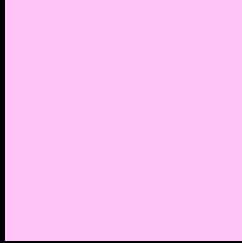
Large Text (above 18pt) WCAG AA × Fail

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 16762358 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 16762358 Background



This preview shows how black text looks on a background with the Decimal color 16762358.




This preview shows how white text looks on a background with the Decimal color 16762358.

# 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**  
16501466

# Trichromacy



**Original Color**  
16762358



**Protanomaly**  
14733308



**Deuteranomaly**  
15453685

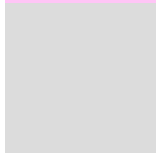


**Tritanomaly**  
16566500

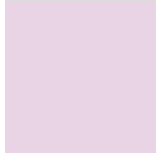
# Monochromacy



**Original Color**  
16762358



**Achromatopsia**  
14474460



**Achromatomaly**  
15324389

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16762358 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 #FFC5F6 looks like.

```
.text, #text, p{  
    color:#FFC5F6  
}
```

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 #FFC5F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC5F6
}
```

## Border

The CSS property to change the border of an element to Decimal 16762358 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
#FFC5F6 }
```

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

```
.border{ border-color:#FFC5F6 }
```

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

Here you see how a box with a 4 pixel #FFC5F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC5F6; -webkit-box-shadow:4px 4px  
4px 4px #FFC5F6; box-shadow:4px 4px 4px  
4px #FFC5F6 }
```

# Background

The CSS property to change the background color of an element to Decimal 16762358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC5F6 }
```

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

```
.background{ background-color:#FFC5F6 }
```

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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