

# Converting Colors

Decimal(16637919)

Have a look what the booklet for  
Decimal(16637919) contains.

<b>Decimal(16637919)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(16637919)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDDDFD
RGB	253, 223, 223
RGB Percent	99%, 87%, 87%
CMY	0.0078, 0.1255, 0.1255
CMYK	0.00, 0.12, 0.12, 0.01
HSL	0°, 88%, 93%
HSV	0°, 12%, 99%
XYZ	80.2150, 78.9857, 80.8300
YIQ	231.9700, 17.8800, 6.3600

# Conversions

## Conversions Part 2

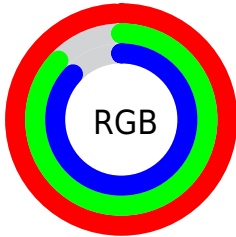
Format	Color
<a href="#">RYB</a>	<a href="#">253, 223, 223</a>
Decimal	<a href="#">16637919</a>
CIELab	<a href="#">91.23, 10.32, 3.78</a>
CIELCh	<a href="#">91, 10.990, 20.133</a>
Yxy	<a href="#">78.9857, 0.3342, 0.3291</a>
Android (android.graphics.Color)	<a href="#">4294827999</a> ( <a href="#">0xFFFD DFD</a> )
YUV	<a href="#">231.9700, -4.4222, 18.4433</a>
Hunter-Lab	<a href="#">88.8739, 5.5795, 8.2880</a>

# Details

The Decimal color **16637919** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **14679549**, and the grayscale version is **15263976**.

A 20% lighter version of the original color is **16777215**, and **12888232** is the 20% darker color. If you saturate the color by 10%, you get **16631494**, and if you desaturate by 10%, it is **16644344**.

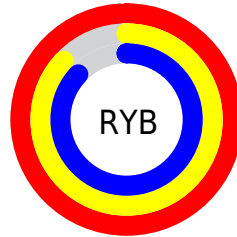
# Distribution



Red (99%)

Green (87%)

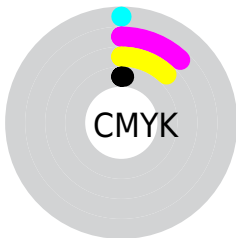
Blue (87%)



Red (99%)

Yellow (87%)

Blue (87%)

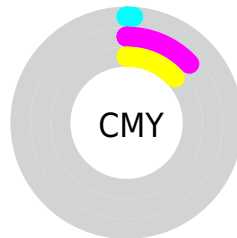


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (1%)



Cyan (1%)

Magenta (13%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16637919 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 16637919 by changing the saturation by 10% instead.




 16637919

 16637919

16777215

 14730179

 12888232

 11111821

 9335924

 7625563

 5981252

 4468014

 2955289

 1703936

 16637919

 16637919

 16631494

 16644344

 16624812

 16646143

 16618387

 16611962

 16605537

 16598855

 16592430

 16586005

 16580608

# Harmonies

## Analogous

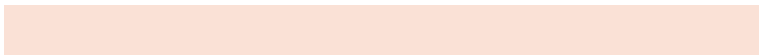
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16441322



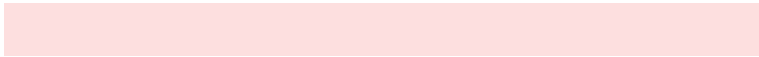
16637919



16441814

# Triad

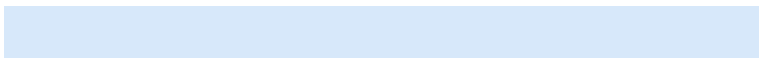
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16637919



14412504



14149882

# Complementary

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



16637919



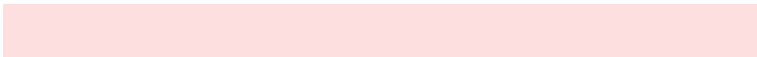
14679549

# 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.



13560822



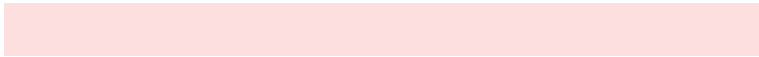
16637919



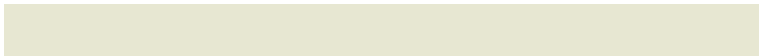
13757666

# Square

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



16637919



15198162



13429997



15000825

# Rectangle

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



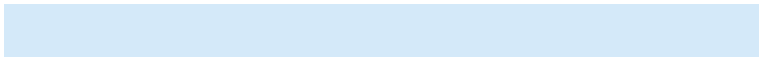
16637919



16114642



13429997

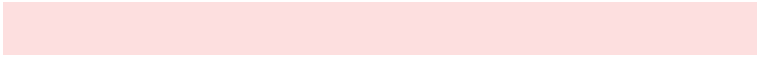


13953529



# Sweetspot

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



16637919



16774645



16637949



8419705



0



8421504



# Same Dimension

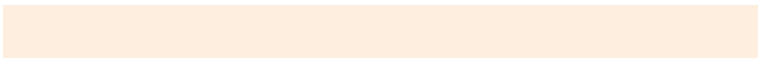
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16637919



16767963



16641759



8418163



12517376

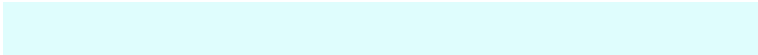


4194304



# Inverse Universe

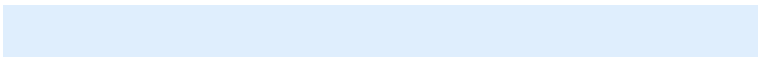
The Inverse Universe completely reimagines the original color for something new.



14679549



14417919



14675709



7569536



49087

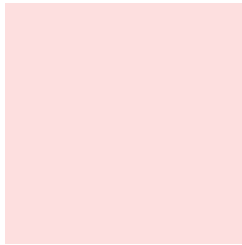


16448



# Previews

## White Background



This preview shows how the Decimal color 16637919 looks on a white background.

## Color Contrast Check

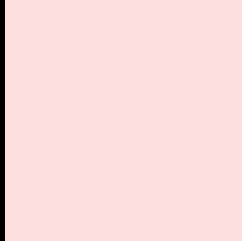
Large Text (above 18pt) WCAG AA × Fail

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 16637919 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

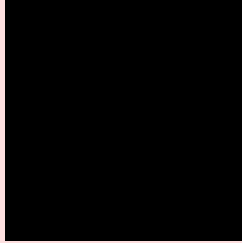
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

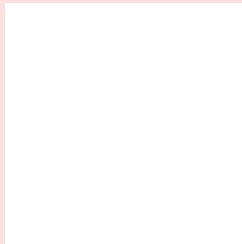
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16637919 Background



This preview shows how black text looks on a background with the Decimal color 16637919.



This preview shows how white text looks on a background with the Decimal color 16637919.

# 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**  
16768494

# Trichromacy



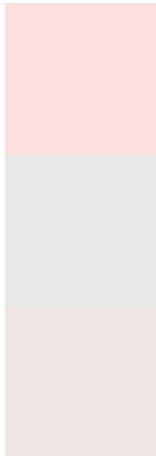
**Original Color**  
16637919

**Protanomaly**  
15918049

**Deuteranomaly**  
16703199

**Tritanomaly**  
16703209

# Monochromacy



**Original Color**  
16637919

**Achromatopsia**  
15263976

**Achromatomaly**  
15787493

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16637919 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 #FDDDFD looks like.

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

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 #FDDDFD colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 16637919 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
#FDDDFD }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 16637919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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