

# Converting Colors

Decimal(16046313)

Have a look what the booklet for  
Decimal(16046313) contains.

<b>Decimal(16046313)</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(16046313)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D8E9
RGB	244, 216, 233
RGB Percent	96%, 85%, 91%
CMY	0.0431, 0.1529, 0.0863
CMYK	0.00, 0.11, 0.05, 0.04
HSL	324°, 56%, 90%
HSV	324°, 11%, 96%
XYZ	76.5721, 74.2280, 87.3825
YIQ	226.3100, 11.2310, 11.2230

# Conversions

## Conversions Part 2

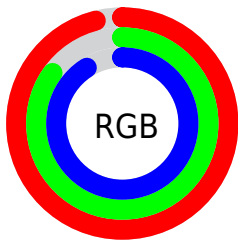
Format	Color
<a href="#">RYB</a>	<a href="#">244, 216, 233</a>
Decimal	<a href="#">16046313</a>
CIELab	<a href="#">89.03, 12.53, -4.77</a>
CIElCh	<a href="#">89, 13.406, 339.143</a>
Yxy	<a href="#">74.2280, 0.3215, 0.3116</a>
Android (android.graphics.Color)	<a href="#">4294236393 (0xFFFF4D8E9)</a>
YUV	<a href="#">226.3100, 3.2982, 15.5141</a>
Hunter-Lab	<a href="#">86.1557, 7.8719, 0.1748</a>

# Details

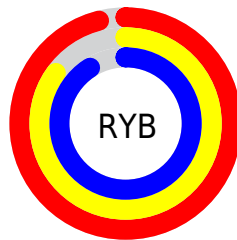
The Decimal color **16046313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **14218467**, and the grayscale version is **14869218**.

A 20% lighter version of the original color is **16777215**, and **12362161** is the 20% darker color. If you saturate the color by 10%, you get **16040159**, and if you desaturate by 10%, it is **16052467**.

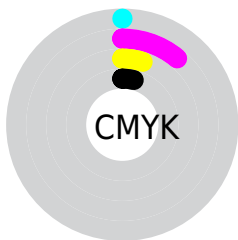
# Distribution



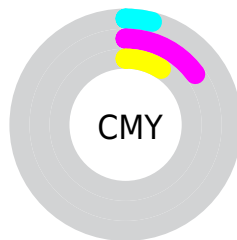
- Red (96%)
- Green (85%)
- Blue (91%)



- Red (96%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16046313 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 16046313 by changing the saturation by 10% instead.



 16046313

 16046313

16777215

 14204109

 12362161

 10586007

 8810109

 7165284

 5520972

 4007989

 2560800

 1114120

 16046313

 16046313

 16040159

 16052467

 16033750

 16056316

 16027596

 16056319

 16021187

 16015033

 16008879

 16002470

 15996316

 15990932

# Harmonies

## Analogous

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



15195123



16046313



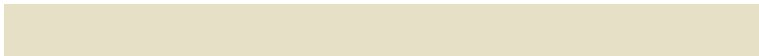
16504796

# Triad

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



16046313



15130822



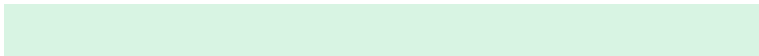
12642031

# Complementary

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



16046313



14218467

# 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.



12707811



16046313



14148812

# Square

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



16046313



15981768



13297366



13231095

# Rectangle

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



16046313



16505044



13297366



12642284



# Sweetspot

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



16046313



16775164



14932212



8419965



0



8421504



# Same Dimension

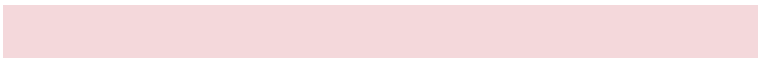
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16046313



16767985



16046299



8023670



12189809



3866660



# Inverse Universe

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



16046313



16767985



14218481



8023670



12189809

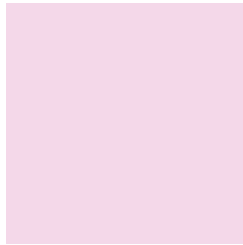


3866660



# Previews

## White Background



This preview shows how the Decimal color 16046313 looks on a white background.

## Color Contrast Check

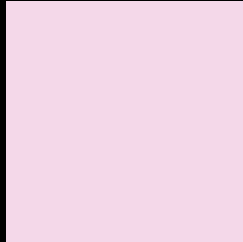
Large Text (above 18pt) WCAG AA × Fail

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 16046313 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 16046313 Background



This preview shows how black text looks on a background with the Decimal color 16046313.

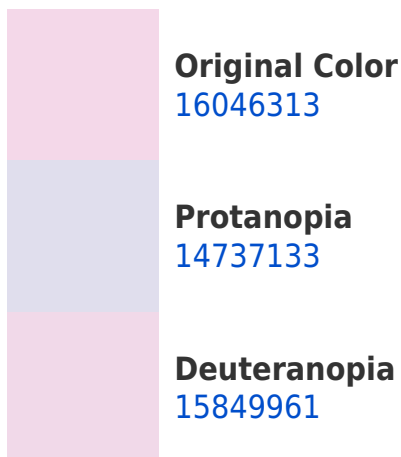



This preview shows how white text looks on a background with the Decimal color 16046313.

# 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**  
16046313

# Trichromacy



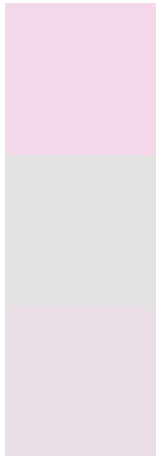
**Original Color**  
16046313

**Protanomaly**  
15195372

**Deuteranomaly**  
15915497

**Tritanomaly**  
16046313

# Monochromacy



**Original Color**  
16046313

**Achromatopsia**  
14869218

**Achromatomaly**  
15326949

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16046313 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 #F4D8E9 looks like.

```
.text, #text, p{  
    color:#F4D8E9  
}
```

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 #F4D8E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4D8E9
}
```

## Border

The CSS property to change the border of an element to Decimal 16046313 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
#F4D8E9 }
```

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

```
.border{ border-color:#F4D8E9 }
```

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

Here you see how a box with a 4 pixel #F4D8E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4D8E9; -webkit-box-shadow:4px 4px  
4px 4px #F4D8E9; box-shadow:4px 4px 4px  
4px #F4D8E9 }
```

# Background

The CSS property to change the background color of an element to Decimal 16046313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4D8E9 }
```

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

```
.background{ background-color:#F4D8E9 }
```

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