

Converting Colors

Decimal(16233971)

Have a look what the booklet for
Decimal(16233971) contains.

Decimal(16233971)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16233971)

Conversions

Conversions Part 1

Format	Color
Hex	F7B5F3
RGB	247, 181, 243
RGB Percent	97%, 71%, 95%
CMY	0.0314, 0.2902, 0.0471
CMYK	0.00, 0.27, 0.02, 0.03
HSL	304°, 80%, 84%
HSV	304°, 27%, 97%
XYZ	71.0593, 59.2930, 92.4935
YIQ	207.8020, 19.4340, 33.2740

Conversions

Conversions Part 2

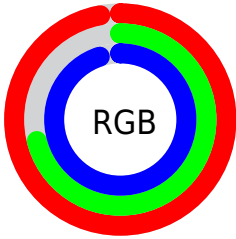
Format	Color
R _Y B	247, 181, 243
Decimal	16233971
CIE _{Lab}	81.45, 33.75, -21.39
CIE _{LCh}	81, 39.956, 327.628
Yxy	59.2930, 0.3189, 0.2661
Android (android.graphics.Color)	4294424051 (0xFFFF7B5F3)
YUV	207.8020, 17.3526, 34.3766
Hunter-Lab	77.0019, 29.9709, -17.3168

Details

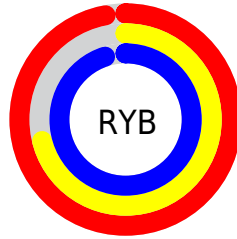
The Decimal color **16233971** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **11925433**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **16772607**, and **12484539** is the 20% darker color. If you saturate the color by 10%, you get **16227570**, and if you desaturate by 10%, it is **16240372**.

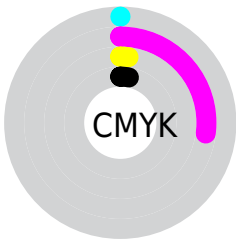
Distribution



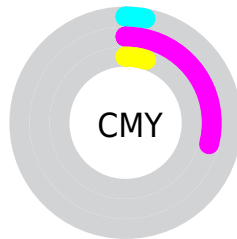
- Red (97%)
- Green (71%)
- Blue (95%)



- Red (97%)
- Yellow (71%)
- Blue (95%)



- Cyan (0%)
- Magenta (27%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16233971 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 16233971 by changing the saturation by 10% instead.

 16233971

 16233971


16777215

 14326487

 16772607

 12484539

 10643104

 8867205

 7156844

 5512276

 3867452

 2555943

 271

 16233971

 16233971

 16227570

 16240372

 16221424

 16246518

 16215023

 16252919

 16208621

 16252921

 16202476

 16252922

 16196074

 16252924

 16189673

 16252925

 16187624

 16252927

Harmonies

Analogous

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



13353727



16233971



16756431

Triad

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



16233971



15124351



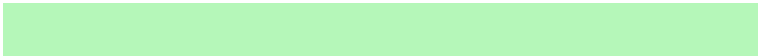
4185836

Complementary

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



16233971



11925433

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.



6676166



16233971



12637063

Square

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



16233971



16759436



9755553



5691903

Rectangle

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



16233971



16756406



9755553



4775904

Sweetspot

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



16233971



16772094



12105207



8418175



0



8421504

Same Dimension

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



16233971



16756218



16233939



8023674



12189871



3866679

Inverse Universe

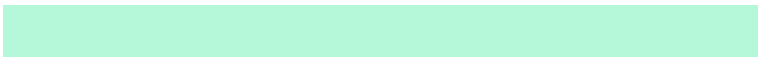
The Inverse Universe completely reimagines the original color for something new.



16233971



16756218



11925465



8023674



12189871



3866679

Previews

White Background



This preview shows how the Decimal color 16233971 looks on a white background.

Color Contrast Check

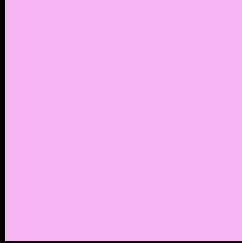
Large Text (above 18pt) WCAG AA × Fail

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 16233971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

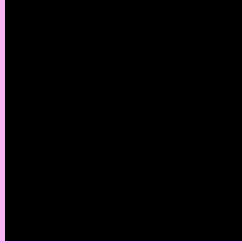
Any Text WCAG AA ✓ Pass

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 16233971 Background



This preview shows how black text looks on a background with the Decimal color 16233971.

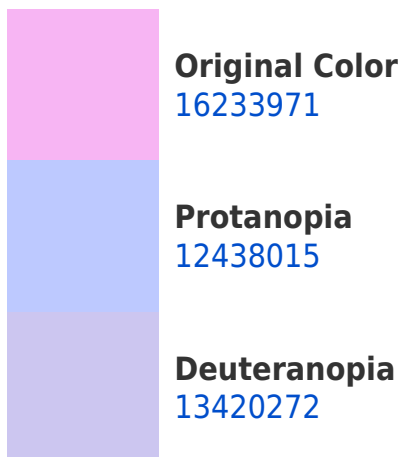


This preview shows how white text looks on a background with the Decimal color 16233971.

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
15908043

Trichromacy



Original Color
16233971



Protanomaly
13812475



Deuteranomaly
14467313

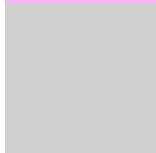


Tritanomaly
16038362

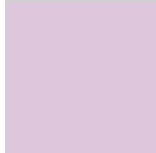
Monochromacy



Original Color
16233971



Achromatopsia
13684944



Achromatomaly
14599901

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16233971 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 #F7B5F3 looks like.

```
.text, #text, p{  
    color:#F7B5F3  
}
```

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 #F7B5F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7B5F3
}
```

Border

The CSS property to change the border of an element to Decimal 16233971 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
#F7B5F3 }
```

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

```
.border{ border-color:#F7B5F3 }
```

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

Here you see how a box with a 4 pixel #F7B5F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7B5F3; -webkit-box-shadow:4px 4px  
4px 4px #F7B5F3; box-shadow:4px 4px 4px  
4px #F7B5F3 }
```

Background

The CSS property to change the background color of an element to Decimal 16233971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7B5F3 }
```

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

```
.background{ background-color:#F7B5F3 }
```

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