

# Converting Colors

Decimal(16233956)

Have a look what the booklet for  
Decimal(16233956) contains.

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# **Color**

**Decimal(16233956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7B5E4
RGB	247, 181, 228
RGB Percent	97%, 71%, 89%
CMY	0.0314, 0.2902, 0.1059
CMYK	0.00, 0.27, 0.08, 0.03
HSL	317°, 80%, 84%
HSV	317°, 27%, 97%
XYZ	68.8852, 58.4233, 81.0450
YIQ	206.0920, 24.2490, 28.6090

# Conversions

## Conversions Part 2

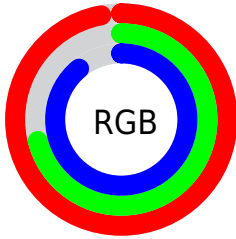
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 181, 228
Decimal	16233956
CIE <sub>Lab</sub>	80.97, 31.13, -14.06
CIE <sub>LCh</sub>	81, 34.160, 335.701
Yxy	58.4233, 0.3306, 0.2804
Android (android.graphics.Color)	4294424036 (0xFFFF7B5E4)
YUV	206.0920, 10.8006, 35.8763
Hunter-Lab	76.4352, 27.1070, -9.3612

# Details

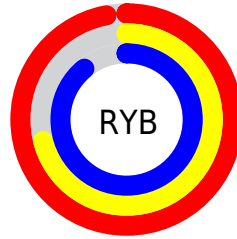
The Decimal color **16233956** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **11925448**, and the grayscale version is **13553358**.

A 20% lighter version of the original color is **16772607**, and **12484525** is the 20% darker color. If you saturate the color by 10%, you get **16227549**, and if you desaturate by 10%, it is **16240363**.

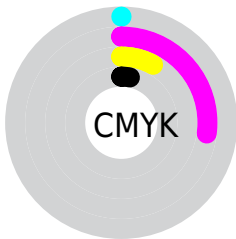
# Distribution



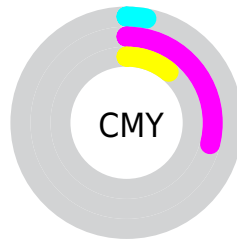
- Red (97%)
- Green (71%)
- Blue (89%)



- Red (97%)
- Yellow (71%)
- Blue (89%)



- Cyan (0%)
- Magenta (27%)
- Yellow (8%)
- Black (3%)



- Cyan (3%)
- Magenta (29%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16233956 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 16233956 by changing the saturation by 10% instead.



 16233956

 16233956

16777215

 14326472

 16772607

 12484525

 10643090

 8867192

 7157087

 5512520

 3933233

 2621469

 0

 16233956

 16233956

 16227549

 16240363

 16221398

 16246514


 16214991


 16252921


 16208584

 16252927

 16202432

 16196025

 16189618

 16187568

# Harmonies

## Analogous

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



14008317



16233956



16757188

# Triad

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



16233956



14338441



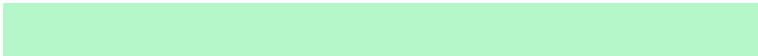
6478317

# Complementary

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



16233956



11925448

# 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.



7330766



16233956



12046996

# Square

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



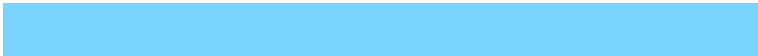
16233956



16170640



9558190



8115199

# Rectangle

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



16233956



16757679



9558190



6478564



# Sweetspot

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



16233956



16772089



13153783



8418172



0



8421504



# Same Dimension

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



16233956



16756200



16233923



8023671



12189829



3866666



# Inverse Universe

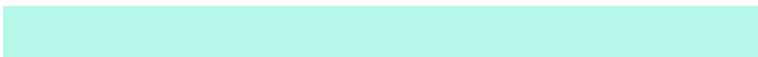
The Inverse Universe completely reimagines the original color for something new.



16233956



16756200



11925481



8023671



12189829



3866666



# Previews

## White Background



This preview shows how the Decimal color 16233956 looks on a white background.

## Color Contrast Check

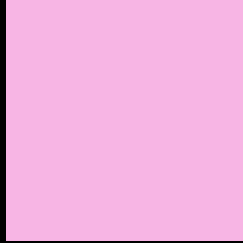
Large Text (above 18pt) WCAG AA × Fail

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 16233956 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 16233956 Background



This preview shows how black text looks on a background with the Decimal color 16233956.



This preview shows how white text looks on a background with the Decimal color 16233956.

# 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**  
15973064

# Trichromacy



**Original Color**  
16233956



**Protanomaly**  
14008812



**Deuteranomaly**  
14663650

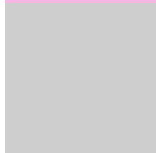


**Tritanomaly**  
16038098

# Monochromacy



**Original Color**  
16233956



**Achromatopsia**  
13553358



**Achromatomaly**  
14534102

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16233956 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 #F7B5E4 looks like.

```
.text, #text, p{  
    color:#F7B5E4  
}
```

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 #F7B5E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7B5E4
}
```

## Border

The CSS property to change the border of an element to Decimal 16233956 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
#F7B5E4 }
```

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

```
.border{ border-color:#F7B5E4 }
```

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

Here you see how a box with a 4 pixel #F7B5E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7B5E4; -webkit-box-shadow:4px 4px  
4px 4px #F7B5E4; box-shadow:4px 4px 4px  
4px #F7B5E4 }
```

# Background

The CSS property to change the background color of an element to Decimal 16233956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7B5E4 }
```

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

```
.background{ background-color:#F7B5E4 }
```

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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