

# Converting Colors

Decimal(15968996)

Have a look what the booklet for  
Decimal(15968996) contains.

<b>Decimal(15968996)</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(15968996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3AAE4
RGB	243, 170, 228
RGB Percent	95%, 67%, 89%
CMY	0.0471, 0.3333, 0.1059
CMYK	0.00, 0.30, 0.06, 0.05
HSL	312°, 75%, 81%
HSV	312°, 30%, 95%
XYZ	65.3405, 53.4056, 80.2633
YIQ	198.4390, 24.8900, 33.5140

# Conversions

## Conversions Part 2

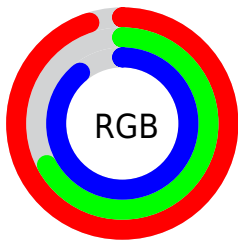
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 170, 228
Decimal	15968996
CIE Lab	78.11, 35.62, -18.40
CIE LCh	78, 40.094, 332.677
Yxy	53.4056, 0.3283, 0.2684
Android (android.graphics.Color)	4294159076 (0xFFF3AAE4)
YUV	198.4390, 14.5736, 39.0800
Hunter-Lab	73.0791, 31.7094, -13.9632

# Details

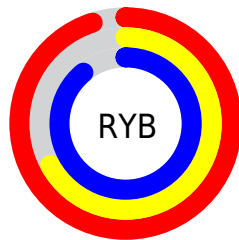
The Decimal color **15968996** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11203513**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **16769791**, and **12219820** is the 20% darker color. If you saturate the color by 10%, you get **15962847**, and if you desaturate by 10%, it is **15975145**.

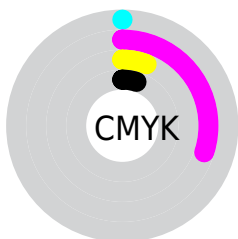
# Distribution



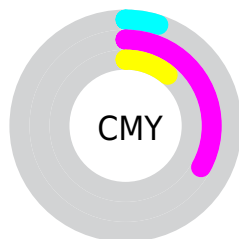
- Red (95%)
- Green (67%)
- Blue (89%)



- Red (95%)
- Yellow (67%)
- Blue (89%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (5%)



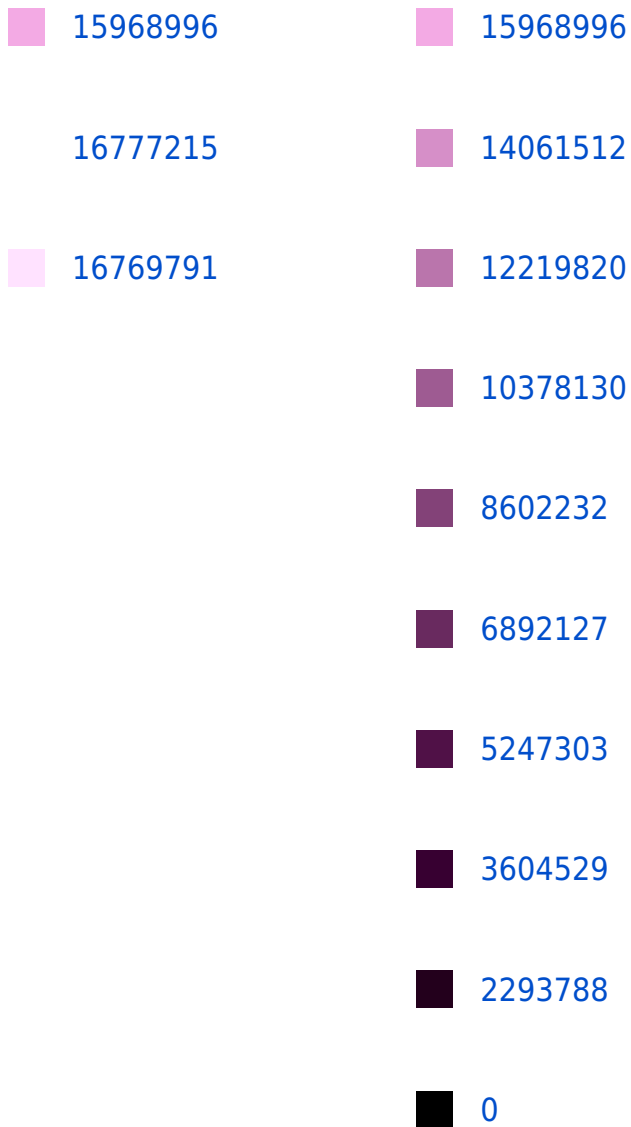
- Cyan (5%)
- Magenta (33%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15968996 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 15968996 by changing the saturation by 10% instead.





 15968996

 15968996

 15962847

 15975145

 15956442

 15981550

 15950293

 15987699

 15944144

 15990776

 15937995

 15990781

 15931590

 15990783

 15925441

# Harmonies

## Analogous

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



13285119



15968996



16753855

# Triad

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



15968996



14139510



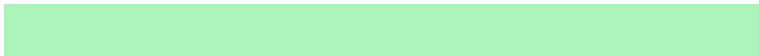
2872552

# Complementary

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



15968996



11203513

# 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.



5363139



15968996



11520897

# Square

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



15968996



16167808



8639134



5426943

# Rectangle

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



15968996



16754342



8639134



3397085



# Sweetspot

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



15968996



16771322



12167923



8417661



0



8421504



# Same Dimension

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



15968996



16753644



15968960



8023672



12189844



3866671



# Inverse Universe

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



15968996



16753644



11203549



8023672



12189844

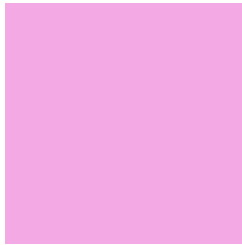


3866671



# Previews

## White Background



This preview shows how the Decimal color 15968996 looks on a white background.

## Color Contrast Check

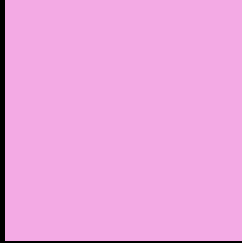
Large Text (above 18pt) WCAG AA × Fail

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 15968996 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 15968996 Background



This preview shows how black text looks on a background with the Decimal color 15968996.



This preview shows how white text looks on a background with the Decimal color 15968996.

# 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**  
15643071

# Trichromacy



**Original Color**  
15968996



**Protanomaly**  
13416686



**Deuteranomaly**  
14071522

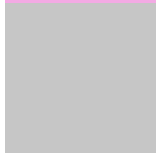


**Tritanomaly**  
15773388

# Monochromacy



**Original Color**  
15968996



**Achromatopsia**  
13027014



**Achromatomaly**  
14073041

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15968996 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 #F3AAE4 looks like.

```
.text, #text, p{  
    color:#F3AAE4  
}
```

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 #F3AAE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3AAE4
}
```

## Border

The CSS property to change the border of an element to Decimal 15968996 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
#F3AAE4 }
```

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

```
.border{ border-color:#F3AAE4 }
```

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

Here you see how a box with a 4 pixel #F3AAE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3AAE4; -webkit-box-shadow:4px 4px  
4px 4px #F3AAE4; box-shadow:4px 4px 4px  
4px #F3AAE4 }
```

# Background

The CSS property to change the background color of an element to Decimal 15968996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3AAE4 }
```

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

```
.background{ background-color:#F3AAE4 }
```

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