

# Converting Colors

Decimal(16439968)

Have a look what the booklet for  
Decimal(16439968) contains.

<b>Decimal(16439968)</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(16439968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FADAA0
RGB	250, 218, 160
RGB Percent	98%, 85%, 63%
CMY	0.0196, 0.1451, 0.3725
CMYK	0.00, 0.13, 0.36, 0.02
HSL	39°, 90%, 80%
HSV	39°, 36%, 98%
XYZ	70.8409, 73.0049, 43.6153
YIQ	220.9560, 37.6900, -11.2540

# Conversions

## Conversions Part 2

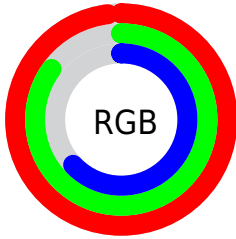
Format	Color
R <sub>Y</sub> B	210, 250, 160
Decimal	16439968
CIE Lab	88.45, 3.12, 32.65
CIE LCh	88, 32.804, 84.545
Yxy	73.0049, 0.3779, 0.3894
Android (android.graphics.Color)	4294630048 (0xFFFADAA0)
YUV	220.9560, -30.0513, 25.4716
Hunter-Lab	85.4429, -1.5303, 29.5447

# Details

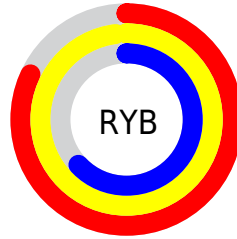
The Decimal color **16439968** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10535162**, and the grayscale version is **14540253**.

A 20% lighter version of the original color is **16777175**, and **12624748** is the 20% darker color. If you saturate the color by 10%, you get **16437639**, and if you desaturate by 10%, it is **16442297**.

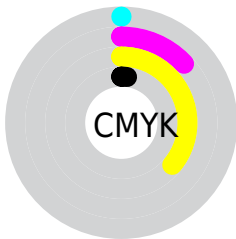
# Distribution



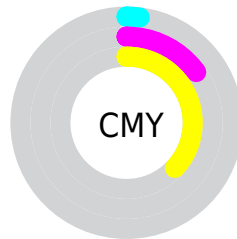
- Red (98%)
- Green (85%)
- Blue (63%)



- Red (82%)
- Yellow (98%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (36%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16439968 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 16439968 by changing the saturation by 10% instead.



 16439968

 16439968

16777215

 14532230

 16777175

 12624748

 16777204

 10783059

 9007163

 7231268

 5521421

 3942912

 2299392

 0

 16439968

 16439968

 16437639

 16442297

 16435310

 16444626

 16432981

 16446955

 16430652

 16449279

 16428579

 16449535

 16426250

 16425216

# Harmonies

## Analogous

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



16765100



16439968



14345381

# Triad

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



16439968



8450039



16764671

# Complementary

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



16439968



10535162

# 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.



14407935



16439968



9104383

# Square

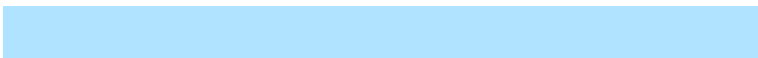
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16439968



9760727



11527167



16763109

# Rectangle

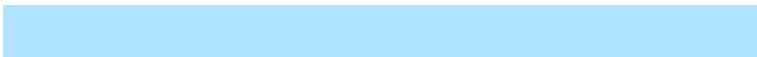
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16439968



12773809



11527167



16175615



# Sweetspot

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



16439968



16774627



16425153



8419951



0



8421504



# Same Dimension

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



16439968



16767121



15661728



8223088



12417536



4007680



# Inverse Universe

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



10535162



9550079



11313402



7370109



17341



5693



# Previews

## White Background



This preview shows how the Decimal color 16439968 looks on a white background.

## Color Contrast Check

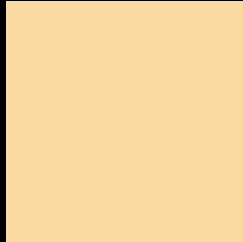
Large Text (above 18pt) WCAG AA × Fail

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 16439968 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 16439968 Background



This preview shows how black text looks on a background with the Decimal color 16439968.




This preview shows how white text looks on a background with the Decimal color 16439968.

# 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](#).

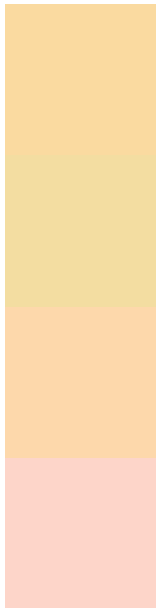
## Dichromacy





**Tritanopia**  
16765665

# Trichromacy



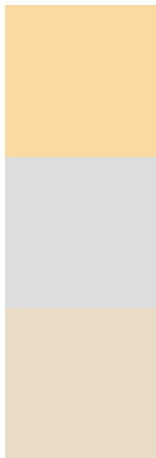
**Original Color**  
16439968

**Protanomaly**  
15981985

**Deuteranomaly**  
16636075

**Tritanomaly**  
16635337

# Monochromacy



**Original Color**  
16439968

**Achromatopsia**  
14540253

**Achromatomaly**  
15260871

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16439968 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 #FADAA0 looks like.

```
.text, #text, p{  
    color:#FADAA0  
}
```

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 #FADAA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FADAA0
}
```

## Border

The CSS property to change the border of an element to Decimal 16439968 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
#FADAA0 }
```

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

```
.border{ border-color:#FADAA0 }
```

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

Here you see how a box with a 4 pixel #FADAA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FADAA0; -webkit-box-shadow:4px 4px  
4px 4px #FADAA0; box-shadow:4px 4px 4px  
4px #FADAA0 }
```

# Background

The CSS property to change the background color of an element to Decimal 16439968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FADAA0 }
```

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

```
.background{ background-color:#FADAA0 }
```

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