

# Converting Colors

Decimal(16711339)

Have a look what the booklet for  
Decimal(16711339) contains.

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# **Color**

**Decimal(16711339)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEFEAB
RGB	254, 254, 171
RGB Percent	100%, 100%, 67%
CMY	0.0039, 0.0039, 0.3294
CMYK	0.00, 0.00, 0.33, 0.00
HSL	60°, 98%, 83%
HSV	60°, 33%, 100%
XYZ	83.6655, 94.8947, 52.4349
YIQ	244.5380, 26.6430, -25.8130

# Conversions

## Conversions Part 2

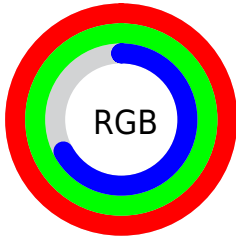
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 254, 171
Decimal	16711339
CIELab	97.99, -12.15, 39.77
CIELCh	98, 41.587, 106.993
Yxy	94.8947, 0.3622, 0.4108
Android (android.graphics.Color)	4294901419 (0xFFFEFEAB)
YUV	244.5380, -36.2542, 8.2982
Hunter-Lab	97.4139, -17.1667, 36.2757

# Details

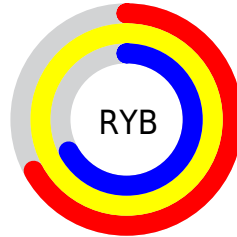
The Decimal color **16711339** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **11250686**, and the grayscale version is **16119285**.

A 20% lighter version of the original color is **16777187**, and **12895606** is the 20% darker color. If you saturate the color by 10%, you get **16711314**, and if you desaturate by 10%, it is **16711364**.

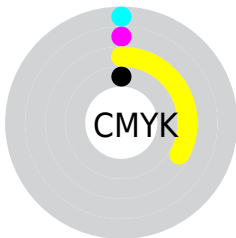
# Distribution



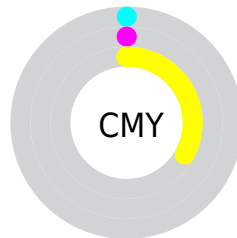
- Red (100%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16711339 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 16711339 by changing the saturation by 10% instead.



 16711339

 16711339

16777215

 14803344

 16777187

 12895606

 11053660

 9277507

 7501355

 5856785

 4212224

 2633728

 859136

 16711339

 16711339

 16711314

 16711364

 16711288

 16711390

 16711263

 16711415

 16711237

16711423

 16711212

 16711187

 16711168

# Harmonies

## Analogous

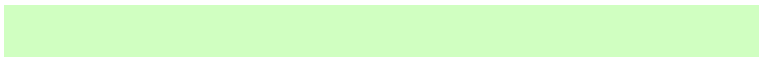
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16773547



16711339



13696961

# Triad

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



16711339



8060927



16768511

# Complementary

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



16711339



11250686

# 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.



16771071



16711339



11141119

# Square

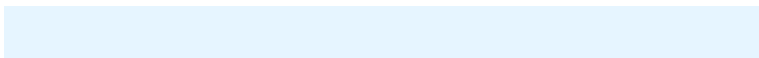
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16711339



8060927



15136255



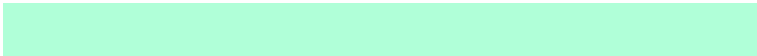
16767971

# Rectangle

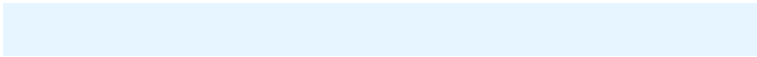
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16711339



11599832



15136255



16769023



# Sweetspot

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



16711339



16777190



16690091



8421488



0



8421504



# Same Dimension

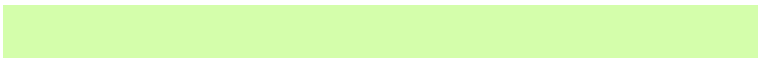
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16711339



16777116



13958827



8421491



12566272



4210688



# Inverse Universe

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



11250686



10263807



13937662



7566208



191

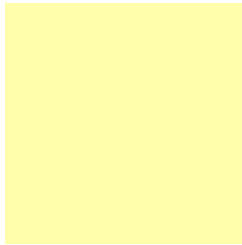


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# Previews

## White Background



This preview shows how the Decimal color 16711339 looks on a white background.

## Color Contrast Check

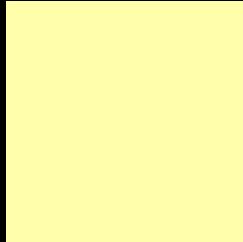
Large Text (above 18pt) WCAG AA × Fail

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 16711339 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

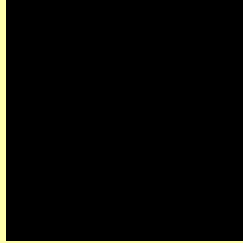
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16711339 Background



This preview shows how black text looks on a background with the Decimal color 16711339.

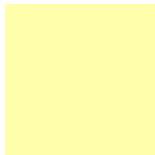


This preview shows how white text looks on a background with the Decimal color 16711339.

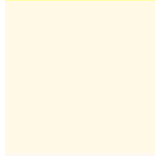
# Color Blindness Simulation

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](#).

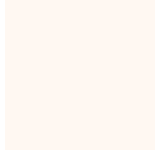
## Dichromacy



**Original Color**  
16711339



**Protanopia**  
16775654

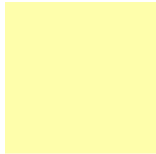


**Deuteranopia**  
16775410



**Tritanopia**  
16775166

# Trichromacy



**Original Color**  
16711339



**Protanomaly**  
16776145

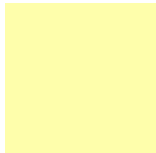


**Deuteranomaly**  
16775896

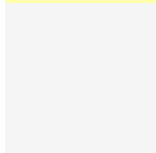


**Tritanomaly**  
16775904

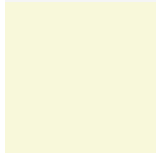
# Monochromacy



**Original Color**  
16711339



**Achromatopsia**  
16119285



**Achromatomaly**  
16316634

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16711339 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 #FEFEAB looks like.

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

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 #FEFEAB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 16711339 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
#FEFEAB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 16711339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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