

# Converting Colors

Decimal(16449390)

Have a look what the booklet for  
Decimal(16449390) contains.

<b>Decimal(16449390)</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(16449390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAFF6E
RGB	250, 255, 110
RGB Percent	98%, 100%, 43%
CMY	0.0196, 0.0000, 0.5686
CMYK	0.02, 0.00, 0.57, 0.00
HSL	62°, 100%, 72%
HSV	62°, 57%, 100%
XYZ	77.9988, 92.9698, 28.5858
YIQ	236.9750, 43.5650, -46.1550

# Conversions

## Conversions Part 2

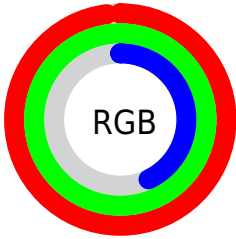
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">110, 255, 115</a>
Decimal	<a href="#">16449390</a>
<a href="#">CIELab</a>	<a href="#">97.22, -19.88, 67.13</a>
<a href="#">CIElCh</a>	<a href="#">97, 70.017, 106.496</a>
<a href="#">Yxy</a>	<a href="#">92.9698, 0.3909, 0.4659</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294639470 (0xFFFAFF6E)</a>
<a href="#">YUV</a>	<a href="#">236.9750, -62.5987, 11.4229</a>
<a href="#">Hunter-Lab</a>	<a href="#">96.4208, -24.3404, 49.9169</a>

# Details

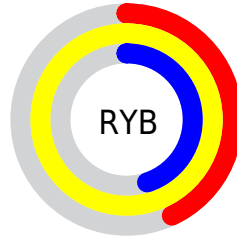
The Decimal color **16449390** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7565055**, and the grayscale version is **15658734**.

A 20% lighter version of the original color is **16777126**, and **12568117** is the 20% darker color. If you saturate the color by 10%, you get **16383829**, and if you desaturate by 10%, it is **16514952**.

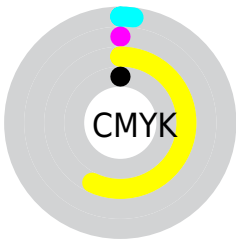
# Distribution



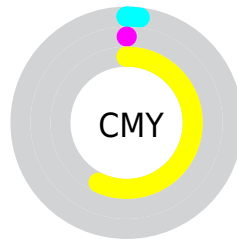
- Red (98%)
- Green (100%)
- Blue (43%)



- Red (43%)
- Yellow (100%)
- Blue (45%)



- Cyan (2%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)

















- Cyan (2%)
- Magenta (0%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16449390 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 16449390 by changing the saturation by 10% instead.



 16449390	 16449390
16777215	 14475858
 16777126	 12568117
 16777154	 10660624
 16777183	 8818944
16777213	 6977280
	 5201664
	 3426048
	 1716480
	 7424

 16449390

 16449390

 16383829

 16514952

 16318267

 16580513

 16252705

 16646075

 16187144

 16711636

 16187136

 16711662

16777215

# Harmonies

## Analogous

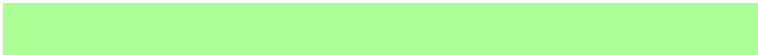
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16771183



16449390



11337621

# Triad

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



16449390



65535



16761343

# Complementary

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



16449390



7565055

# 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.



16766719



16449390



65535

# Square

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



16449390



65535



13103615



16760532

# Rectangle

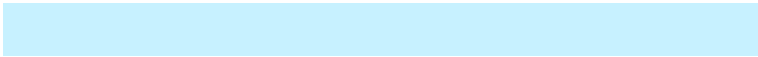
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16449390



6619070



13103615



16762623



# Sweetspot

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



16449390



16711636



16741230



8355942



0



8421504



# Same Dimension

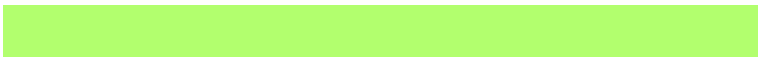
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16449390



16383826



11730798



8355955



12173056



4079616



# Inverse Universe

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



7565055



5788415



12283647



7566208



458943

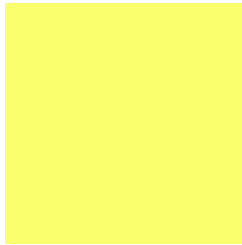


131136



# Previews

## White Background



This preview shows how the Decimal color 16449390 looks on a white background.

## Color Contrast Check

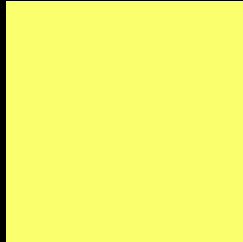
Large Text (above 18pt) WCAG AA × Fail

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 16449390 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 16449390 Background



This preview shows how black text looks on a background with the Decimal color 16449390.



This preview shows how white text looks on a background with the Decimal color 16449390.

# 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](#).

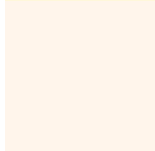
## Dichromacy



**Original Color**  
16449390



**Protanopia**  
16775130

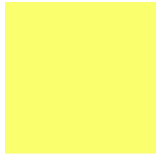


**Deuteranopia**  
16774635

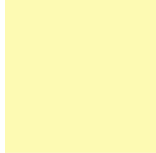


**Tritanopia**  
16774396

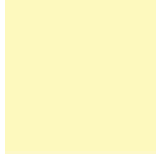
# Trichromacy



**Original Color**  
16449390



**Protanomaly**  
16644787

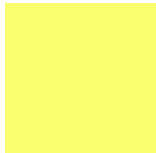


**Deuteranomaly**  
16644542

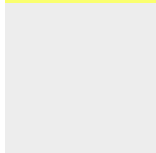


**Tritanomaly**  
16644296

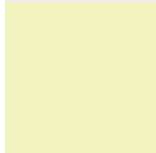
# Monochromacy



**Original Color**  
16449390



**Achromatopsia**  
15592941



**Achromatomaly**  
15922367

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16449390 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 #FAFF6E looks like.

```
.text, #text, p{  
  color:#FAFF6E  
}
```

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 #FAFF6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAFF6E
}
```

## Border

The CSS property to change the border of an element to Decimal 16449390 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
#FAFF6E }
```

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

```
.border{ border-color:#FAFF6E }
```

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

Here you see how a box with a 4 pixel #FAFF6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAFF6E; -webkit-box-shadow:4px 4px  
4px 4px #FAFF6E; box-shadow:4px 4px 4px  
4px #FAFF6E }
```

# Background

The CSS property to change the background color of an element to Decimal 16449390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAFF6E }
```

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

```
.background{ background-color:#FAFF6E }
```

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