

# Converting Colors

Decimal(16701039)

Have a look what the booklet for  
Decimal(16701039) contains.

<b>Decimal(16701039)</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(16701039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FED66F
RGB	254, 214, 111
RGB Percent	100%, 84%, 44%
CMY	0.0039, 0.1608, 0.5647
CMYK	0.00, 0.16, 0.56, 0.00
HSL	43°, 99%, 72%
HSV	43°, 56%, 100%
XYZ	67.7889, 70.3117, 25.0376
YIQ	214.2180, 56.9030, -23.5530

# Conversions

## Conversions Part 2

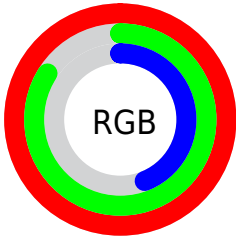
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 254, 111
Decimal	16701039
CIELab	87.15, 2.12, 55.31
CIELCh	87, 55.355, 87.807
Yxy	70.3117, 0.4155, 0.4310
Android (android.graphics.Color)	4294891119 (0xFF FED66F)
YUV	214.2180, -50.8865, 34.8888
Hunter-Lab	83.8520, -2.4356, 40.9929

# Details

The Decimal color **16701039** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **7313406**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777125**, and **12755002** is the 20% darker color. If you saturate the color by 10%, you get **16699222**, and if you desaturate by 10%, it is **16702856**.

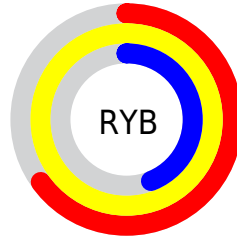
# Distribution



Red (100%)

Green (84%)

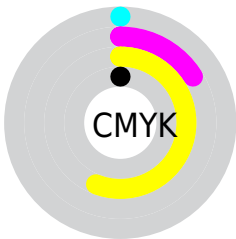
Blue (44%)



Red (65%)

Yellow (100%)

Blue (44%)

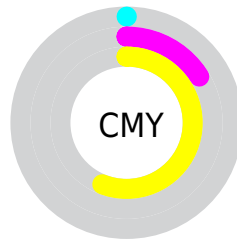


Cyan (0%)

Magenta (16%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (16%)
















Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16701039 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 16701039 by changing the saturation by 10% instead.



 16701039	 16701039
16777215	 14727765
 16777125	 12755002
 16777153	 10847775
 16777182	 9006080
 16777211	 7164928
	 5389824
	 3680256
	 2036736
	 0

■ 16701039

■ 16701039

■ 16699222

■ 16702856

■ 16697404

■ 16704674

■ 16695587

■ 16706491

■ 16693769

■ 16708309

■ 16692992

■ 16710382

16711679

# Harmonies

## Analogous

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



16761731



16701039



13231738

# Triad

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



16701039



62975



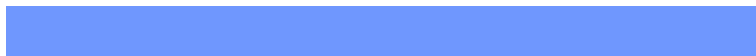
16759807

# Complementary

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



16701039



7313406

# 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.



14274303



16701039



61183

# Square

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



16701039



1045973



8053247



16756704

# Rectangle

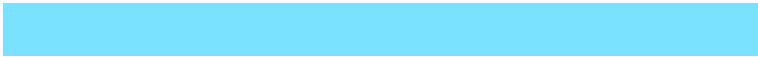
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16701039



10546577



8053247



16761343



# Sweetspot

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



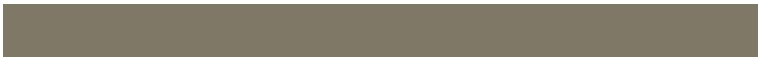
16701039



16774100



16674712



8419430



0



8421504



# Same Dimension

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



16701039



16764498



14679663



8420467



12552704



4206080



# Inverse Universe

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



7313406



5407487



9334782



7566976



13759



4672



# Previews

## White Background



This preview shows how the Decimal color 16701039 looks on a white background.

## Color Contrast Check

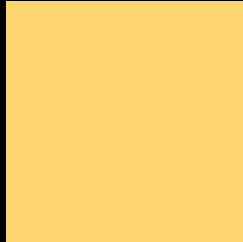
Large Text (above 18pt) WCAG AA × Fail

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 16701039 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 16701039 Background



This preview shows how black text looks on a background with the Decimal color 16701039.



This preview shows how white text looks on a background with the Decimal color 16701039.

# 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**  
16764634

# Trichromacy



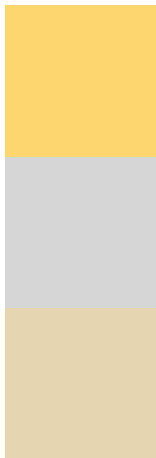
**Original Color**  
16701039

**Protanomaly**  
16177520

**Deuteranomaly**  
16766090

**Tritanomaly**  
16765363

# Monochromacy



**Original Color**  
16701039

**Achromatopsia**  
14079702

**Achromatomaly**  
15062705

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16701039 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 #FED66F looks like.

```
.text, #text, p{  
  color:#FED66F  
}
```

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 #FED66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FED66F
}
```

## Border

The CSS property to change the border of an element to Decimal 16701039 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
#FED66F }
```

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

```
.border{ border-color:#FED66F }
```

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

Here you see how a box with a 4 pixel #FED66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FED66F; -webkit-box-shadow:4px 4px  
4px 4px #FED66F; box-shadow:4px 4px 4px  
4px #FED66F }
```

# Background

The CSS property to change the background color of an element to Decimal 16701039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FED66F }
```

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

```
.background{ background-color:#FED66F }
```

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