

# Converting Colors

Decimal(16238948)

Have a look what the booklet for  
Decimal(16238948) contains.

<b>Decimal(16238948)</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(16238948)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7C964
RGB	247, 201, 100
RGB Percent	97%, 79%, 39%
CMY	0.0314, 0.2118, 0.6078
CMYK	0.00, 0.19, 0.60, 0.03
HSL	41°, 90%, 68%
HSV	41°, 60%, 97%
XYZ	61.5447, 62.4675, 20.8703
YIQ	203.2400, 59.8370, -21.6590

# Conversions

## Conversions Part 2

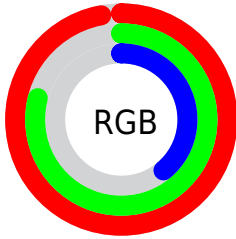
Format	Color
<a href="#">RYB</a>	<a href="#">167, 247, 100</a>
Decimal	<a href="#">16238948</a>
CIELab	<a href="#">83.16, 5.15, 55.65</a>
CIELCh	<a href="#">83, 55.890, 84.715</a>
Yxy	<a href="#">62.4675, 0.4248, 0.4312</a>
Android (android.graphics.Color)	<a href="#">4294429028</a> ( <a href="#">0xFFFF7C964</a> )
YUV	<a href="#">203.2400, -50.8973, 38.3775</a>
Hunter-Lab	<a href="#">79.0364, 0.6820, 39.6694</a>

# Details

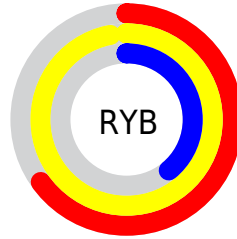
The Decimal color **16238948** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6591223**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16777114**, and **12292911** is the 20% darker color. If you saturate the color by 10%, you get **16236875**, and if you desaturate by 10%, it is **16241021**.

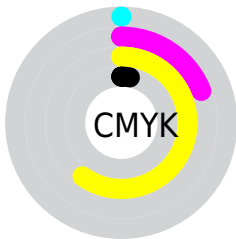
# Distribution



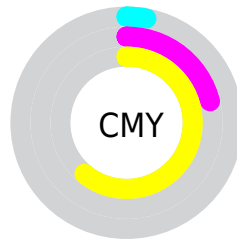
- Red (97%)
- Green (79%)
- Blue (39%)



- Red (65%)
- Yellow (97%)
- Blue (39%)



- Cyan (0%)
- Magenta (19%)
- Yellow (60%)
- Black (3%)



















- Cyan (3%)
- Magenta (21%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16238948 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 16238948 by changing the saturation by 10% instead.



 16238948	 16238948
 16777215	 14265930
 16777114	 12292911
 16777141	 10385937
 16777170	 8544512
 16777198	 6768896
	 4928256
	 3218944
	 1640192
	 0

16238948

16238948

16236875

16241021

16235059

16242837

16232986

16244910

16230913

16246983

16230912

16249056

16250872

16252927

# Harmonies

## Analogous

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



16758395



16238948



12835180

# Triad

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



16238948



60153



16757247

# Complementary

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



16238948



6591223

# 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.



12961279



16238948



58623

# Square

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



16238948



60100



6019071



16753883

# Rectangle

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



16238948



10215810



6019071



16103423

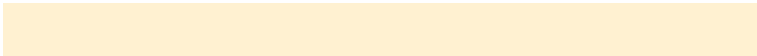


# Sweetspot

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



16238948



16773585



16213139



8419171



0



8421504



# Same Dimension

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



16238948



16762442



14481252



8025966



12222464



3876864



# Inverse Universe

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



6591223



4883455



8348919



7238266



15034



4667



# Previews

## White Background



This preview shows how the Decimal color 16238948 looks on a white background.

## Color Contrast Check

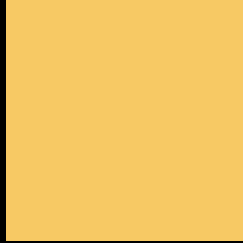
Large Text (above 18pt) WCAG AA × Fail

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 16238948 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 16238948 Background



This preview shows how black text looks on a background with the Decimal color 16238948.



This preview shows how white text looks on a background with the Decimal color 16238948.

# 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**  
16760524

# Trichromacy



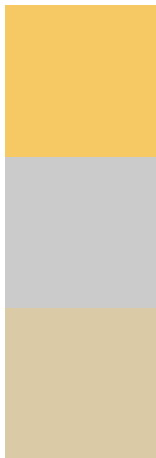
**Original Color**  
16238948

**Protanomaly**  
15519077

**Deuteranomaly**  
16566118

**Tritanomaly**  
16564902

# Monochromacy



**Original Color**  
16238948

**Achromatopsia**  
13355979

**Achromatomaly**  
14404262

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16238948 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 #F7C964 looks like.

```
.text, #text, p{  
    color:#F7C964  
}
```

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 #F7C964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7C964
}
```

## Border

The CSS property to change the border of an element to Decimal 16238948 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
#F7C964 }
```

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

```
.border{ border-color:#F7C964 }
```

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

Here you see how a box with a 4 pixel #F7C964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7C964; -webkit-box-shadow:4px 4px  
4px 4px #F7C964; box-shadow:4px 4px 4px  
4px #F7C964 }
```

# Background

The CSS property to change the background color of an element to Decimal 16238948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7C964 }
```

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

```
.background{ background-color:#F7C964 }
```

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