

# Converting Colors

Decimal(16374918)

Have a look what the booklet for  
Decimal(16374918) contains.

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# **Color**

**Decimal(16374918)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9DC86
RGB	249, 220, 134
RGB Percent	98%, 86%, 53%
CMY	0.0235, 0.1373, 0.4745
CMYK	0.00, 0.12, 0.46, 0.02
HSL	45°, 91%, 75%
HSV	45°, 46%, 98%
XYZ	68.9632, 73.0474, 33.0191
YIQ	218.8670, 44.8900, -20.5980

# Conversions

## Conversions Part 2

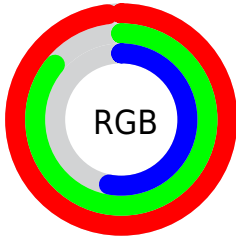
Format	Color
R <sub>Y</sub> B	173, 249, 134
Decimal	16374918
CIE Lab	88.47, -1.01, 45.75
CIE LCh	88, 45.764, 91.265
Yxy	73.0474, 0.3940, 0.4173
Android (android.graphics.Color)	4294564998 (0xFFF9DC86)
YUV	218.8670, -41.8394, 26.4266
Hunter-Lab	85.4678, -5.5384, 36.9217

# Details

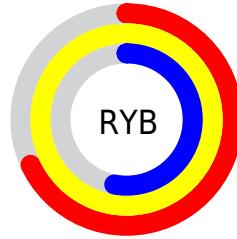
The Decimal color **16374918** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **8823801**, and the grayscale version is **14408667**.

A 20% lighter version of the original color is **16777148**, and **12559698** is the 20% darker color. If you saturate the color by 10%, you get **16373357**, and if you desaturate by 10%, it is **16376479**.

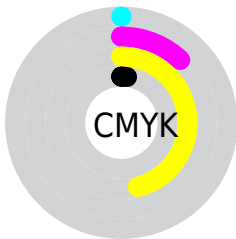
# Distribution



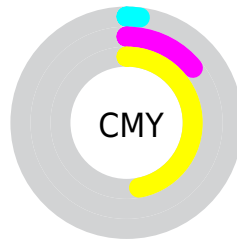
- Red (98%)
- Green (86%)
- Blue (53%)



- Red (68%)
- Yellow (98%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (46%)
- Black (2%)


















- Cyan (2%)
- Magenta (14%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16374918 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 16374918 by changing the saturation by 10% instead.



 16374918	 16374918
 16777215	 14401644
 16777148	 12559698
 16777177	 10652473
 16777205	 8811040
	 7035137
	 5325312
	 3615744
	 2037760
	 0

16374918

16374918

16373357

16376479

16371540

16378296

16369979

16379857

16368418

16381418

16366858

16382975

16366080

16383999

# Harmonies

## Analogous

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



16764307



16374918



13363602

# Triad

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



16374918



2225407



16761855

# Complementary

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



16374918



8823801

# 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.



15061759



16374918



5566207

# Square

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



16374918



6026718



10674943



16760030

# Rectangle

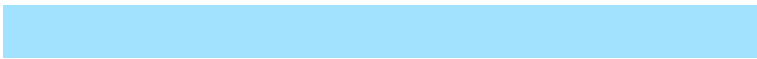
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16374918



11136934



10674943



16763135



# Sweetspot

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



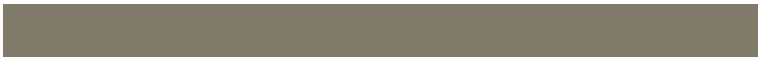
16374918



16774875



16352933



8419946



0



8421504



# Same Dimension

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



16374918



16768115



14612870



8223344



12422400



4009472



# Inverse Universe

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



8823801



7575295



10585849



7369853



12477



3901



# Previews

## White Background



This preview shows how the Decimal color 16374918 looks on a white background.

## Color Contrast Check

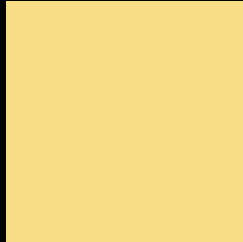
Large Text (above 18pt) WCAG AA × Fail

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 16374918 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 16374918 Background



This preview shows how black text looks on a background with the Decimal color 16374918.




This preview shows how white text looks on a background with the Decimal color 16374918.

# 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](#).

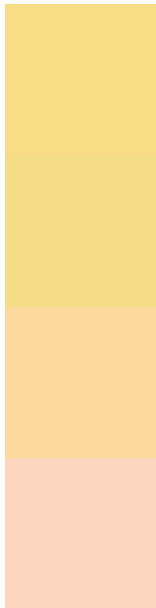
## Dichromacy





**Tritanopia**  
16765665

# Trichromacy



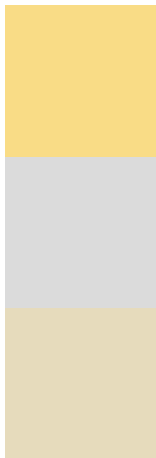
**Original Color**  
16374918

**Protanomaly**  
16113031

**Deuteranomaly**  
16636317

**Tritanomaly**  
16635584

# Monochromacy



**Original Color**  
16374918

**Achromatopsia**  
14408667

**Achromatomaly**  
15129532

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16374918 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 #F9DC86 looks like.

```
.text, #text, p{  
    color:#F9DC86  
}
```

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 #F9DC86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9DC86
}
```

## Border

The CSS property to change the border of an element to Decimal 16374918 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
#F9DC86 }
```

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

```
.border{ border-color:#F9DC86 }
```

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

Here you see how a box with a 4 pixel #F9DC86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9DC86; -webkit-box-shadow:4px 4px  
4px 4px #F9DC86; box-shadow:4px 4px 4px  
4px #F9DC86 }
```

# Background

The CSS property to change the background color of an element to Decimal 16374918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9DC86 }
```

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

```
.background{ background-color:#F9DC86 }
```

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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