

# Converting Colors

Decimal(16571518)

Have a look what the booklet for  
Decimal(16571518) contains.

|  |    |
|--|----|
| <b>Decimal(16571518)</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(16571518)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | FCDC7E                      |
| RGB         | 252, 220, 126               |
| RGB Percent | 99%, 86%, 49%               |
| CMY         | 0.0118, 0.1373, 0.5059      |
| CMYK        | 0.00, 0.13, 0.50, 0.01      |
| HSL         | 45°, 95%, 74%               |
| HSV         | 45°, 50%, 99%               |
| XYZ         | 69.5040, 73.3882, 30.2408   |
| YIQ         | 218.8520, 49.2460, -22.4500 |

# Conversions

## Conversions Part 2

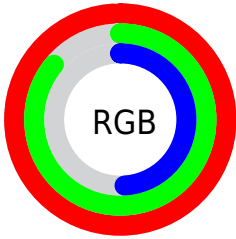
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 169, 252, 126                  |
| Decimal                             | 16571518                       |
| CIE Lab                             | 88.63, -0.54, 49.91            |
| CIE LCh                             | 89, 49.915, 90.618             |
| Yxy                                 | 73.3882, 0.4014,<br>0.4239     |
| Android<br>(android.graphics.Color) | 4294761598<br>(0xFFFCDC7E)     |
| YUV                                 | 218.8520, -45.7760,<br>29.0708 |
| Hunter-Lab                          | 85.6669, -5.0950,<br>39.0372   |

# Details

The Decimal color **16571518** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **8298236**, and the grayscale version is **14408667**.

A 20% lighter version of the original color is **16777140**, and **12690762** is the 20% darker color. If you saturate the color by 10%, you get **16569957**, and if you desaturate by 10%, it is **16573079**.

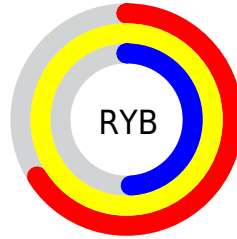
# Distribution



Red (99%)

Green (86%)

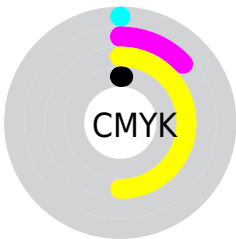
Blue (49%)



Red (66%)

Yellow (99%)

Blue (49%)

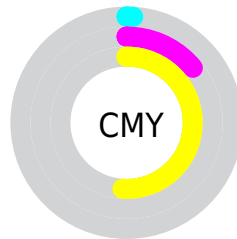


Cyan (0%)

Magenta (13%)

Yellow (50%)

Black (1%)



Cyan (1%)

Magenta (14%)















Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16571518 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 16571518 by changing the saturation by 10% instead.



|  |   |
|--|---|
|  16571518 |  16571518  |
| 16777215   |  14598244  |
|  16777140 |  12690762  |
|  16777168 |  10783536  |
|  16777197 |  8942101   |
|  |  7166208   |
|  |  5456384   |
|  |  3681280  |
|  |  2103296 |
|  |  0       |

16571518

16571518

16569957

16573079

16568140

16574896

16566578

16576458

16564761

16578275

16563200

16579836

16580607

# Harmonies

## Analogous

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



16763789



16571518



13363851

# Triad

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



16571518



63231



16761343

# Complementary

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



16571518



8298236

# 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



16571518



2748671

# Square

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



16571518



4585694



9954303



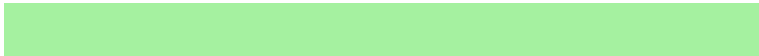
16759263

# Rectangle

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



16571518



10875296



9954303



16762623



# Sweetspot

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



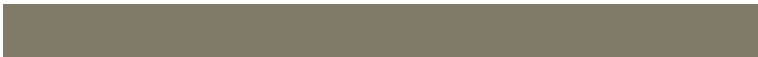
16571518



16774617



16547488



8419945



0



8421504



# Same Dimension

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



16571518



16767078



14679166



8223344



12422400



4009472



# Inverse Universe

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



8298236



6721023



10190588



7369853



12477



4157



# Previews

## White Background



This preview shows how the Decimal color 16571518 looks on a white background.

## Color Contrast Check

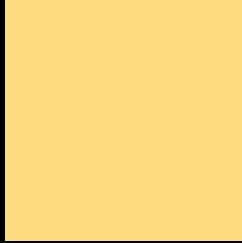
Large Text (above 18pt) WCAG AA × Fail

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 16571518 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 16571518 Background



This preview shows how black text looks on a background with the Decimal color 16571518.

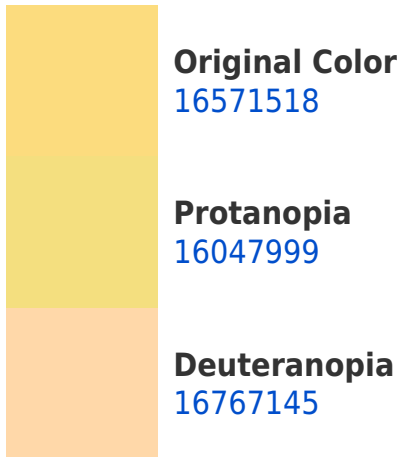


This preview shows how white text looks on a background with the Decimal color 16571518.

# 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](#).

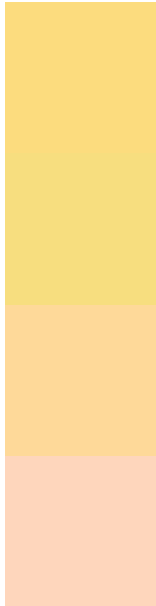
## Dichromacy





**Tritanopia**  
16765920

# Trichromacy



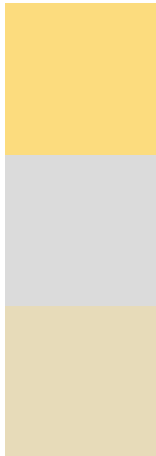
**Original Color**  
16571518

**Protanomaly**  
16244351

**Deuteranomaly**  
16701849

**Tritanomaly**  
16701116

# Monochromacy



**Original Color**  
16571518

**Achromatopsia**  
14408667

**Achromatomaly**  
15195065

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16571518 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 #FCDC7E looks like.

```
.text, #text, p{  
  color:#FCDC7E  
}
```

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 #FCDC7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCDC7E
}
```

## Border

The CSS property to change the border of an element to Decimal 16571518 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
#FCDC7E }
```

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

```
.border{ border-color:#FCDC7E }
```

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

Here you see how a box with a 4 pixel #FCDC7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCDC7E; -webkit-box-shadow:4px 4px  
4px 4px #FCDC7E; box-shadow:4px 4px 4px  
4px #FCDC7E }
```

# Background

The CSS property to change the background color of an element to Decimal 16571518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCDC7E }
```

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

```
.background{ background-color:#FCDC7E }
```

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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