

# Converting Colors

Decimal(16316590)

Have a look what the booklet for  
Decimal(16316590) contains.

|  |    |
|--|----|
| <b>Decimal(16316590)</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(16316590)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F8F8AE                      |
| RGB         | 248, 248, 174               |
| RGB Percent | 97%, 97%, 68%               |
| CMY         | 0.0275, 0.0275, 0.3176      |
| CMYK        | 0.00, 0.00, 0.30, 0.03      |
| HSL         | 60°, 84%, 83%               |
| HSV         | 60°, 30%, 97%               |
| XYZ         | 79.9188, 90.1473, 53.2324   |
| YIQ         | 239.5640, 23.7540, -23.0140 |

# Conversions

## Conversions Part 2

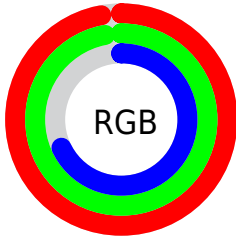
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 174, 248, 174                 |
| Decimal                             | 16316590                      |
| CIELab                              | 96.06, -11.08, 35.65          |
| CIElCh                              | 96, 37.330, 107.270           |
| Yxy                                 | 90.1473, 0.3579,<br>0.4037    |
| Android<br>(android.graphics.Color) | 4294506670<br>(0xFFFF8F8AE)   |
| YUV                                 | 239.5640, -32.3231,<br>7.3984 |
| Hunter-Lab                          | 94.9459, -15.9066,<br>33.2206 |

# Details

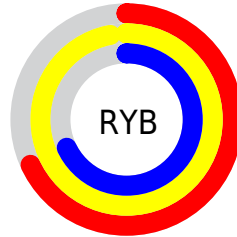
The Decimal color **16316590** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **11448056**, and the grayscale version is **15790320**.

A 20% lighter version of the original color is **16777190**, and **12566649** is the 20% darker color. If you saturate the color by 10%, you get **16316565**, and if you desaturate by 10%, it is **16316615**.

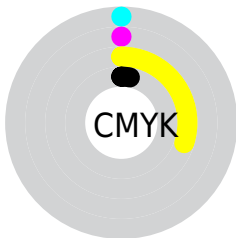
# Distribution



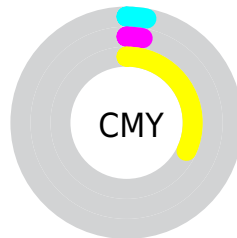
- Red (97%)
- Green (97%)
- Blue (68%)



- Red (68%)
- Yellow (97%)
- Blue (68%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16316590 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 16316590 by changing the saturation by 10% instead.



 16316590

 16316590

16777215

 14408851

 16777190

 12566649

 10724703

 8948295

 7237935

 5527831

 3948800

 2435840

 333824

 16316590

 16316590

 16316565

 16316615

 16316540

 16316640

 16316516

 16316664

 16316491

 16316671

 16316466

 16316441

 16316416

# Harmonies

## Analogous

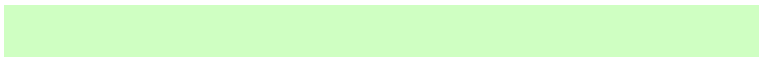
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16772270



16316590



13631426

# Triad

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



16316590



8978431



16767743

# Complementary

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



16316590



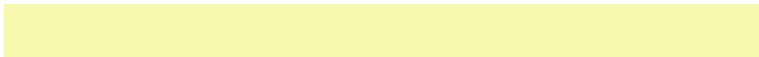
11448056

# 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.



16770047



16316590



11533567

# Square

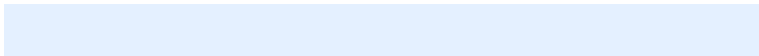
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16316590



8912895



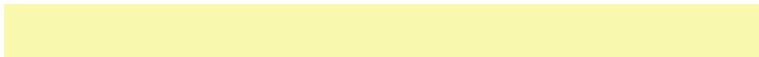
15003903



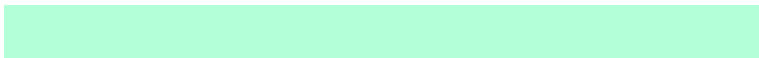
16767456

# Rectangle

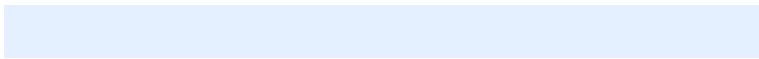
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16316590



11796439



15003903



16768511



# Sweetspot

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



16316590



16777192



16297646



8421489



0



8421504



# Same Dimension

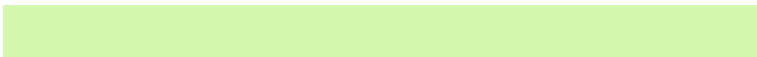
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16316590



16777123



13891758



8224112



12434688



4013312



# Inverse Universe

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



11448056



10724351



13872888



7368829



189

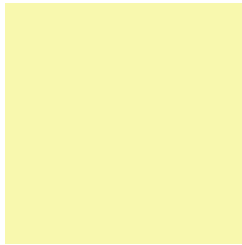


61



# Previews

## White Background



This preview shows how the Decimal color 16316590 looks on a white background.

## Color Contrast Check

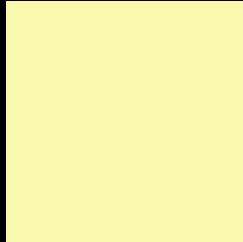
Large Text (above 18pt) WCAG AA × Fail

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 16316590 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

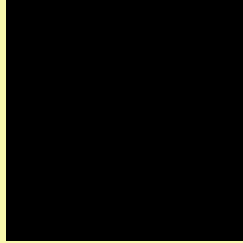
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16316590 Background



This preview shows how black text looks on a background with the Decimal color 16316590.

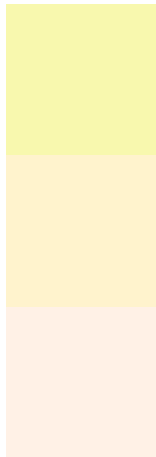


This preview shows how white text looks on a background with the Decimal color 16316590.

# 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**  
16316590

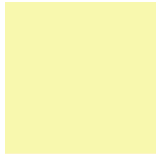
**Protanopia**  
16774093

**Deuteranopia**  
16773606

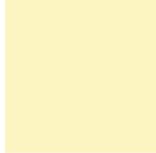


**Tritanopia**  
16773117

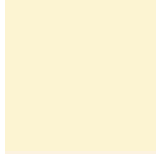
# Trichromacy



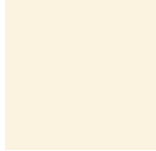
**Original Color**  
16316590



**Protanomaly**  
16577986

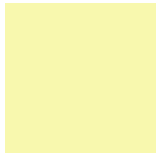


**Deuteranomaly**  
16577746

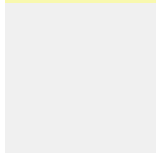


**Tritanomaly**  
16577248

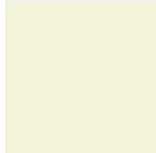
# Monochromacy



**Original Color**  
16316590



**Achromatopsia**  
15790320



**Achromatomaly**  
15987672

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16316590 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 #F8F8AE looks like.

```
.text, #text, p{  
  color:#F8F8AE  
}
```

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 #F8F8AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8F8AE
}
```

## Border

The CSS property to change the border of an element to Decimal 16316590 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
#F8F8AE }
```

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

```
.border{ border-color:#F8F8AE }
```

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

Here you see how a box with a 4 pixel #F8F8AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8F8AE; -webkit-box-shadow:4px 4px  
4px 4px #F8F8AE; box-shadow:4px 4px 4px  
4px #F8F8AE }
```

# Background

The CSS property to change the background color of an element to Decimal 16316590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8F8AE }
```

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

```
.background{ background-color:#F8F8AE }
```

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