

# Converting Colors

Decimal(16378565)

Have a look what the booklet for  
Decimal(16378565) contains.

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# **Color**

**Decimal(16378565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9EAC5
RGB	249, 234, 197
RGB Percent	98%, 92%, 77%
CMY	0.0235, 0.0824, 0.2275
CMYK	0.00, 0.06, 0.21, 0.02
HSL	43°, 81%, 87%
HSV	43°, 21%, 98%
XYZ	78.5678, 83.0166, 64.7062
YIQ	234.2670, 20.8170, -8.3270

# Conversions

## Conversions Part 2

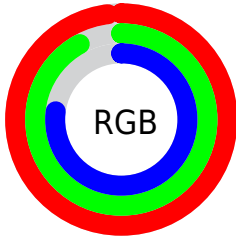
Format	Color
R <sub>Y</sub> B	218, 249, 197
Decimal	16378565
CIE Lab	93.02, -0.67, 19.82
CIE LCh	93, 19.832, 91.936
Yxy	83.0166, 0.3472, 0.3669
Android (android.graphics.Color)	4294568645 (0xFFF9EAC5)
YUV	234.2670, -18.3726, 12.9208
Hunter-Lab	91.1134, -5.5267, 21.6733

# Details

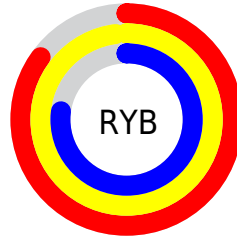
The Decimal color **16378565** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **12965113**, and the grayscale version is **15395562**.

A 20% lighter version of the original color is **16777214**, and **12628623** is the 20% darker color. If you saturate the color by 10%, you get **16376748**, and if you desaturate by 10%, it is **16380382**.

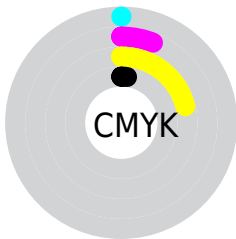
# Distribution



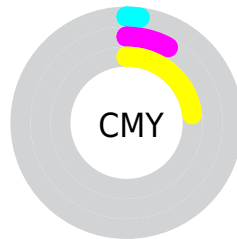
- Red (98%)
- Green (92%)
- Blue (77%)



- Red (85%)
- Yellow (98%)
- Blue (77%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16378565 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 16378565 by changing the saturation by 10% instead.



 16378565	 16378565
16777215	 14470826
16777214	 12628623
	 10852469
	 9076317
	 7365957
	 5721390
	 4142617
	 2695424
	 985856

 16378565

 16378565

 16376748

 16380382

 16374931

 16382199

 16372858

 16383999

 16371041

 16369224

 16367408

 16365591

 16363776

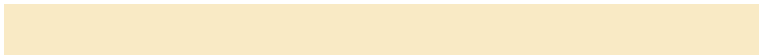
# Harmonies

## Analogous

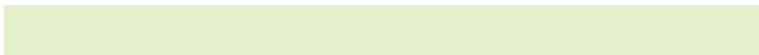
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16770250



16378565



15003850

# Triad

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



16378565



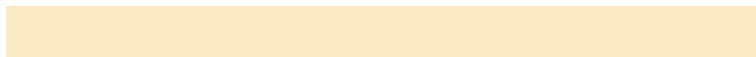
12187134



16769277

# Complementary

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



16378565



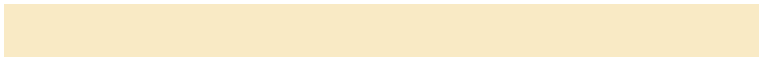
12965113

# Split Complementary

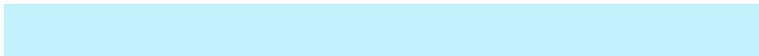
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15787775



16378565



12841727

# Square

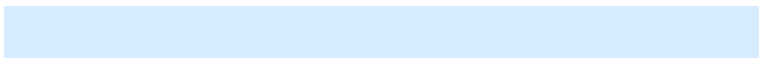
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16378565



12515052



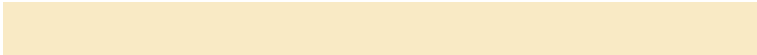
14150911



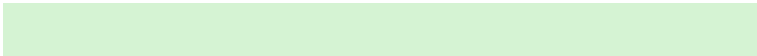
16768746

# Rectangle

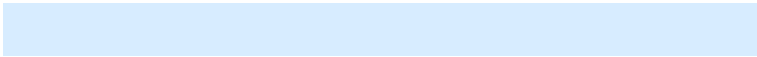
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16378565



14021587



14150911



16769791

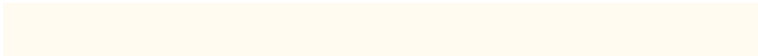


# Sweetspot

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



16378565



16776176



16369109



8420727



0

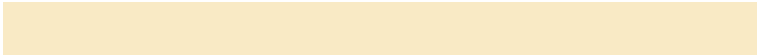


8421504



# Same Dimension

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



16378565



16772543



15727045



8223088



12420608



4008960



# Inverse Universe

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



12965113



12571391



13616633



7369853



14013

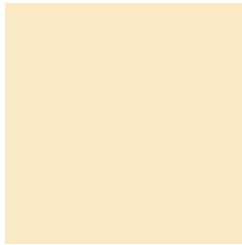


4669



# Previews

## White Background



This preview shows how the Decimal color 16378565 looks on a white background.

## Color Contrast Check

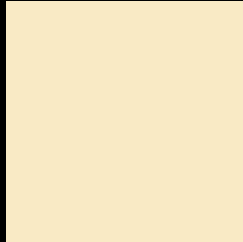
Large Text (above 18pt) WCAG AA × Fail

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 16378565 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

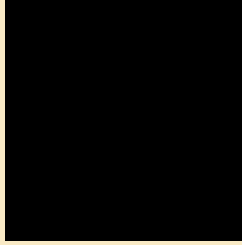
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

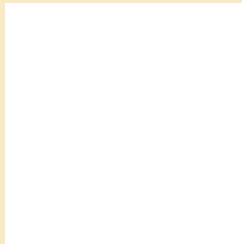
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16378565 Background



This preview shows how black text looks on a background with the Decimal color 16378565.

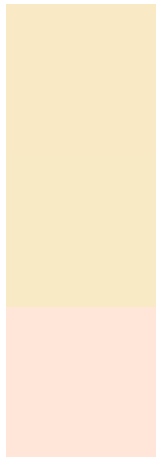


This preview shows how white text looks on a background with the Decimal color 16378565.

# 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**  
16378565

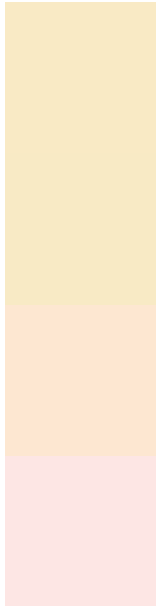
**Protanopia**  
16313029

**Deuteranopia**  
16770776



**Tritanopia**  
16770037

# Trichromacy



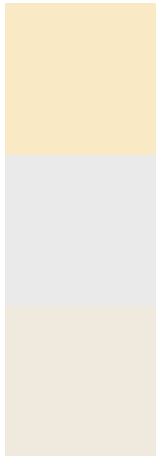
**Original Color**  
16378565

**Protanomaly**  
16313029

**Deuteranomaly**  
16639953

**Tritanomaly**  
16639716

# Monochromacy



**Original Color**  
16378565

**Achromatopsia**  
15395562

**Achromatomaly**  
15723229

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16378565 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 #F9EAC5 looks like.

```
.text, #text, p{  
  color:#F9EAC5  
}
```

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 #F9EAC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9EAC5
}
```

## Border

The CSS property to change the border of an element to Decimal 16378565 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
#F9EAC5 }
```

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

```
.border{ border-color:#F9EAC5 }
```

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

Here you see how a box with a 4 pixel #F9EAC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9EAC5; -webkit-box-shadow:4px 4px  
4px 4px #F9EAC5; box-shadow:4px 4px 4px  
4px #F9EAC5 }
```

# Background

The CSS property to change the background color of an element to Decimal 16378565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9EAC5 }
```

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

```
.background{ background-color:#F9EAC5 }
```

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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