

# Converting Colors

Decimal(16511713)

Have a look what the booklet for  
Decimal(16511713) contains.

<b>Decimal(16511713)</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(16511713)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF2E1
RGB	251, 242, 225
RGB Percent	98%, 95%, 88%
CMY	0.0157, 0.0510, 0.1176
CMYK	0.00, 0.04, 0.10, 0.02
HSL	39°, 76%, 93%
HSV	39°, 10%, 98%
XYZ	85.1264, 89.4497, 84.0130
YIQ	242.7530, 10.8210, -3.3790

# Conversions

## Conversions Part 2

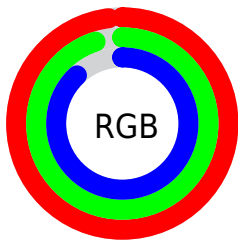
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 251, 225
Decimal	16511713
CIE Lab	95.77, 0.20, 9.26
CIE LCh	96, 9.267, 88.750
Yxy	89.4497, 0.3292, 0.3459
Android (android.graphics.Color)	4294701793 (0xFFFBF2E1)
YUV	242.7530, -8.7522, 7.2326
Hunter-Lab	94.5779, -4.8494, 13.5375

# Details

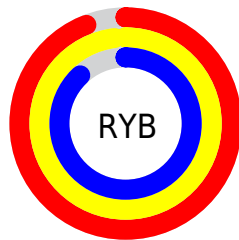
The Decimal color **16511713** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **14805755**, and the grayscale version is **15987699**.

A 20% lighter version of the original color is **16777215**, and **12761770** is the 20% darker color. If you saturate the color by 10%, you get **16509384**, and if you desaturate by 10%, it is **16514042**.

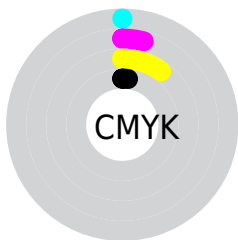
# Distribution



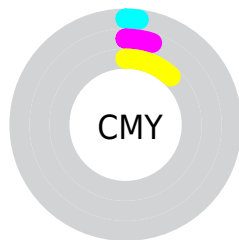
- Red (98%)
- Green (95%)
- Blue (88%)



- Red (94%)
- Yellow (98%)
- Blue (88%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16511713 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 16511713 by changing the saturation by 10% instead.



 16511713

 16511713

16777215

 14603973

 12761770

 10985359

 9274742

 7564381

 5919557

 4406319

 2893594

 1643008

16511713

16511713

16509384

16514042

16507311

16515071

16504982

16502653

16500579

16498250

16495921

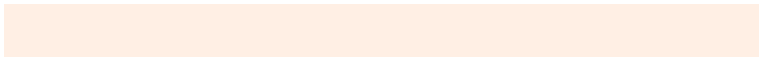
16493592

16491520

# Harmonies

## Analogous

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



16773092



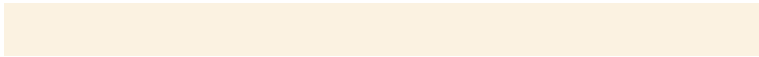
16511713



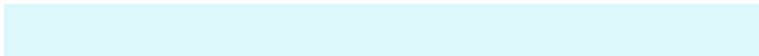
15857123

# Triad

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



16511713



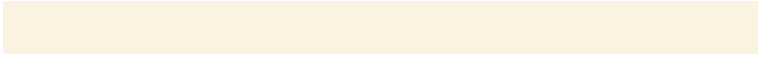
14547195



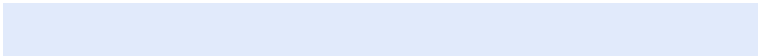
16707324

# Complementary

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



16511713



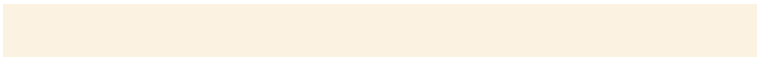
14805755

# Split Complementary

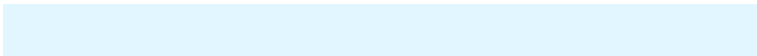
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16052735



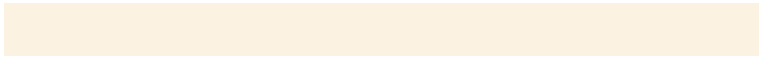
16511713



14808831

# Square

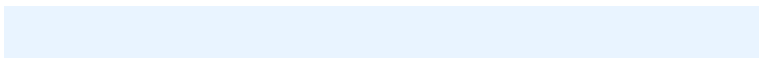
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16511713



14678258



15332607



16772595

# Rectangle

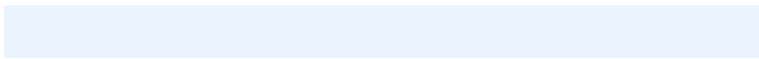
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16511713



15398887



15332607



16510975

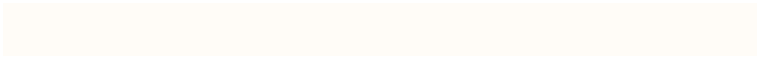


# Sweetspot

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



16511713



16776439



16507370



8420986



0

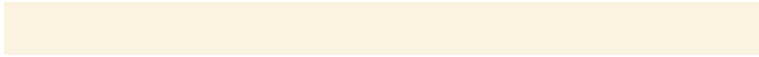


8421504

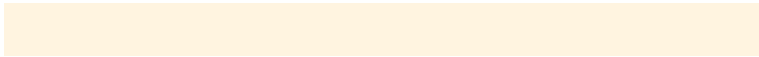


# Same Dimension

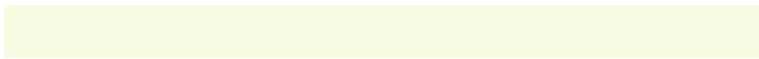
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16511713



16774368



16251873



8223088



12417792

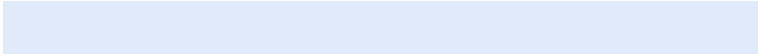


4007936

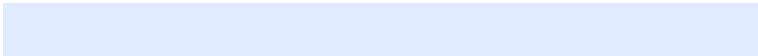


# Inverse Universe

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



14805755



14740479



15065595



7370109



16829

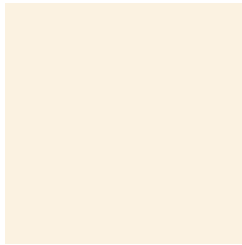


5437



# Previews

## White Background



This preview shows how the Decimal color 16511713 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 16511713 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

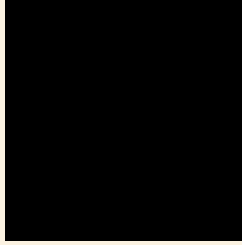
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16511713 Background



This preview shows how black text looks on a background with the Decimal color 16511713.

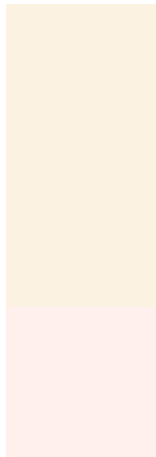


This preview shows how white text looks on a background with the Decimal color 16511713.

# 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**  
16511713

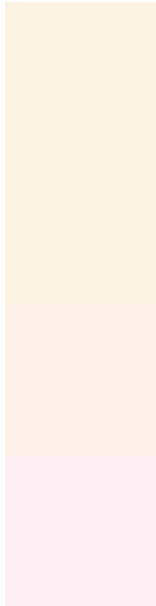
**Protanopia**  
16511713

**Deuteranopia**  
16773357



**Tritanopia**  
16707327

# Trichromacy



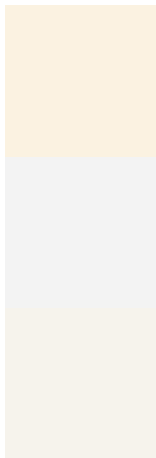
**Original Color**  
16511713

**Protanomaly**  
16511713

**Deuteranomaly**  
16708073

**Tritanomaly**  
16642036

# Monochromacy



**Original Color**  
16511713

**Achromatopsia**  
15987699

**Achromatomaly**  
16184300

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16511713 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 #FBF2E1 looks like.

```
.text, #text, p{  
  color:#FBF2E1  
}
```

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 #FBF2E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBF2E1
}
```

## Border

The CSS property to change the border of an element to Decimal 16511713 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
#FBF2E1 }
```

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

```
.border{ border-color:#FBF2E1 }
```

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

Here you see how a box with a 4 pixel #FBF2E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBF2E1; -webkit-box-shadow:4px 4px  
4px 4px #FBF2E1; box-shadow:4px 4px 4px  
4px #FBF2E1 }
```

# Background

The CSS property to change the background color of an element to Decimal 16511713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBF2E1 }
```

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

```
.background{ background-color:#FBF2E1 }
```

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