

# Converting Colors

Decimal(16709587)

Have a look what the booklet for  
Decimal(16709587) contains.

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# **Color**

**Decimal(16709587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF7D3
RGB	254, 247, 211
RGB Percent	100%, 97%, 83%
CMY	0.0039, 0.0314, 0.1725
CMYK	0.00, 0.03, 0.17, 0.00
HSL	50°, 96%, 91%
HSV	50°, 17%, 100%
XYZ	85.8917, 92.2955, 74.9159
YIQ	244.9890, 15.7280, -9.7120

# Conversions

## Conversions Part 2

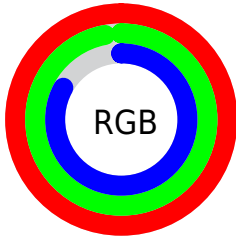
Format	Color
R <sub>Y</sub> B	219, 254, 211
Decimal	16709587
CIE Lab	96.94, -3.41, 18.16
CIE LCh	97, 18.480, 100.644
Yxy	92.2955, 0.3394, 0.3647
Android (android.graphics.Color)	4294899667 (0xFFFEF7D3)
YUV	244.9890, -16.7566, 7.9026
Hunter-Lab	96.0706, -8.5359, 21.0150

# Details

The Decimal color **16709587** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **13884158**, and the grayscale version is **16119285**.

A 20% lighter version of the original color is **16777215**, and **12959644** is the 20% darker color. If you saturate the color by 10%, you get **16708538**, and if you desaturate by 10%, it is **16710636**.

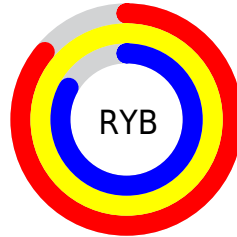
# Distribution



Red (100%)

Green (97%)

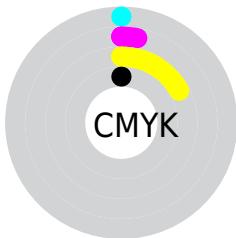
Blue (83%)



Red (86%)

Yellow (100%)

Blue (83%)

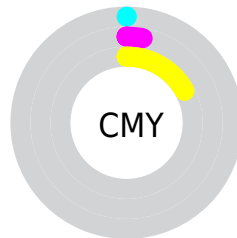


Cyan (0%)

Magenta (3%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16709587 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 16709587 by changing the saturation by 10% instead.




 16709587

 16709587

16777215

 14801847

 12959644

 11183234

 9406825

 7696465

 6051898

 4472868

 2960143

 1578496

 16709587

 16709587

 16708538

 16710636

 16707488

16711679

 16706439

 16705133

 16704084

 16703035

 16701985

 16700936

 16700672

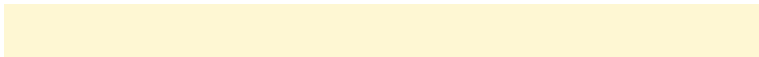
# Harmonies

## Analogous

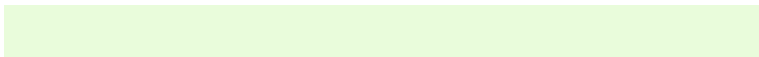
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16773589



16709587



15334619

# Triad

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



16709587



13238271



16772095

# Complementary

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



16709587



13884158

# Split Complementary

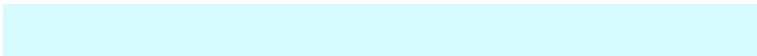
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16773375



16709587



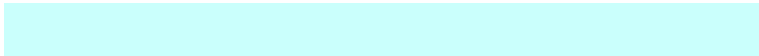
14089215

# Square

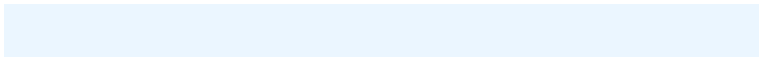
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16709587



13303804



15464191



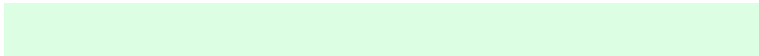
16771824

# Rectangle

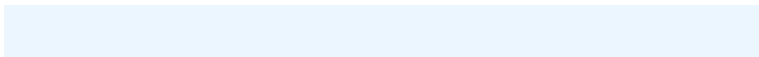
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16709587



14483428



15464191

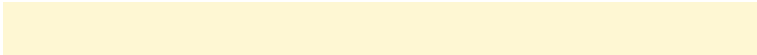


16772351



# Sweetspot

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



16709587



16776690



16700378



8420984



0



8421504

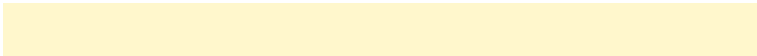


# Same Dimension

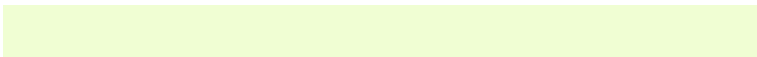
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16709587



16775116



15793875



8420723



12558336



4207872



# Inverse Universe

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



13884158



13423871



14799870



7566720



8127

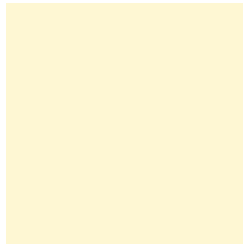


2624



# Previews

## White Background



This preview shows how the Decimal color 16709587 looks on a white background.

## Color Contrast Check

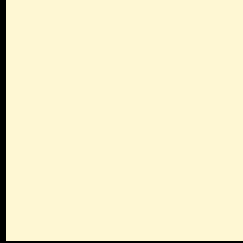
Large Text (above 18pt) WCAG AA × Fail

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 16709587 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

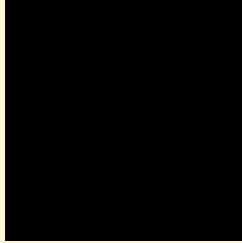
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16709587 Background



This preview shows how black text looks on a background with the Decimal color 16709587.



This preview shows how white text looks on a background with the Decimal color 16709587.

# 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**  
16709587

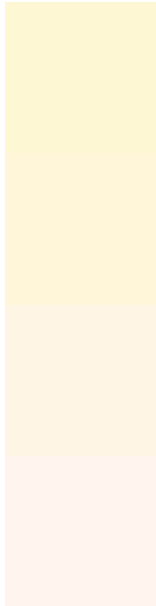
**Protanopia**  
16774878

**Deuteranopia**  
16774383



**Tritanopia**  
16774142

# Trichromacy



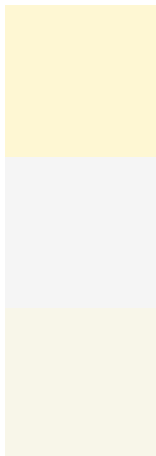
**Original Color**  
16709587

**Protanomaly**  
16774874

**Deuteranomaly**  
16774629

**Tritanomaly**  
16774382

# Monochromacy



**Original Color**  
16709587

**Achromatopsia**  
16119285

**Achromatomaly**  
16316137

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16709587 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 #FEF7D3 looks like.

```
.text, #text, p{  
    color:#FEF7D3  
}
```

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 #FEF7D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEF7D3
}
```

## Border

The CSS property to change the border of an element to Decimal 16709587 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
#FEF7D3 }
```

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

```
.border{ border-color:#FEF7D3 }
```

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

Here you see how a box with a 4 pixel #FEF7D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEF7D3; -webkit-box-shadow:4px 4px  
4px 4px #FEF7D3; box-shadow:4px 4px 4px  
4px #FEF7D3 }
```

# Background

The CSS property to change the background color of an element to Decimal 16709587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEF7D3 }
```

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

```
.background{ background-color:#FEF7D3 }
```

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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