

# Converting Colors

Decimal(16186594)

Have a look what the booklet for  
Decimal(16186594) contains.

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# **Color**

**Decimal(16186594)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6FCE2
RGB	246, 252, 226
RGB Percent	96%, 99%, 89%
CMY	0.0353, 0.0118, 0.1137
CMYK	0.02, 0.00, 0.10, 0.01
HSL	74°, 81%, 94%
HSV	74°, 10%, 99%
XYZ	86.5439, 94.7046, 85.6700
YIQ	247.2420, 4.7700, -9.3580

# Conversions

## Conversions Part 2

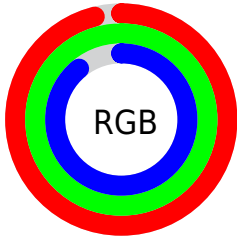
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 252, 232
Decimal	16186594
CIE <sub>Lab</sub>	97.92, -6.39, 11.77
CIE <sub>LCh</sub>	98, 13.392, 118.510
Yxy	94.7046, 0.3242, 0.3548
Android (android.graphics.Color)	4294376674 (0xFFFF6FCE2)
YUV	247.2420, -10.4723, -1.0892
Hunter-Lab	97.3163, -11.5625, 15.9269

# Details

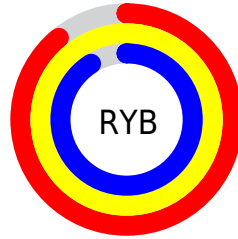
The Decimal color **16186594** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **15262460**, and the grayscale version is **16250871**.

A 20% lighter version of the original color is **16777215**, and **12501931** is the 20% darker color. If you saturate the color by 10%, you get **15793353**, and if you desaturate by 10%, it is **16579835**.

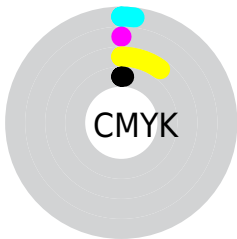
# Distribution



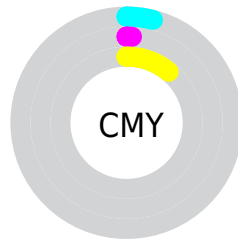
- Red (96%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)




- Cyan (4%)
- Magenta (1%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16186594 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 16186594 by changing the saturation by 10% instead.



 16186594

 16186594

16777215

 14278598

 12501931

 10725520

 8949366

 7304286

 5659718

 4146224

 2698779

 1448192

16186594

16186594

15793353

16579835

15400112

16776447

15072406

14679165

14285924

13892683

13499442

13106200

12778496

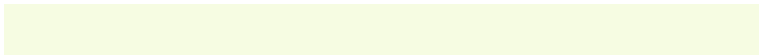
# Harmonies

## Analogous

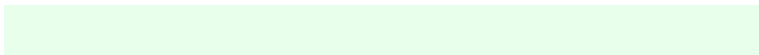
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16775391



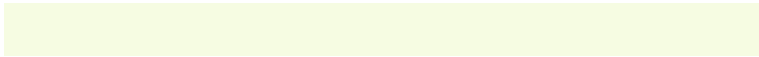
16186594



15204331

# Triad

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



16186594



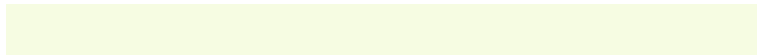
14614271



16773370

# Complementary

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



16186594



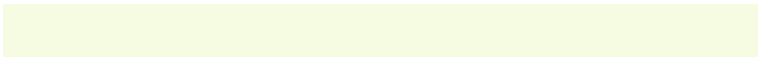
15262460

# Split Complementary

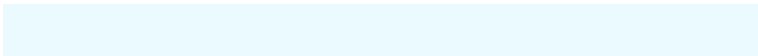
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16773887



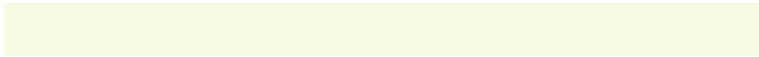
16186594



15465215

# Square

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



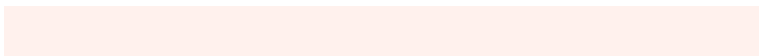
16186594



14286847



16512767



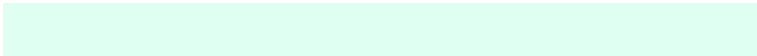
16773613

# Rectangle

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



16186594



14680051



16512767



16773631



# Sweetspot

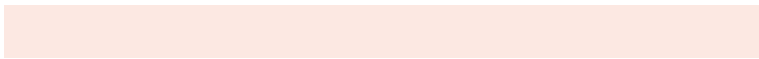
The Sweet Spot groups the original color and five complimentary colors.



16186594



16646135



16574690



8290426



0

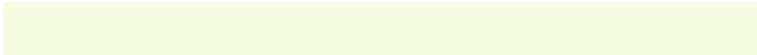


8421504

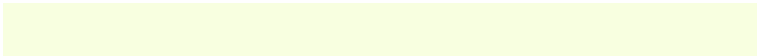


# Same Dimension

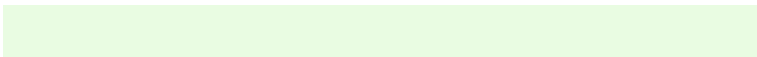
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16186594



16318432



15334626



8027504



9551104



3095808



# Inverse Universe

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



15262460



15196415



16114428



7565437



2883773

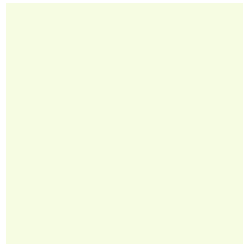


917565



# Previews

## White Background



This preview shows how the Decimal color 16186594 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 16186594 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

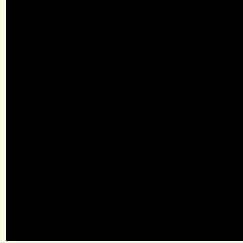
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

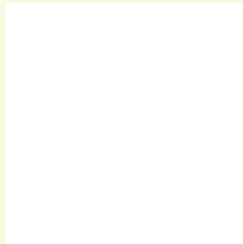
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16186594 Background



This preview shows how black text looks on a background with the Decimal color 16186594.

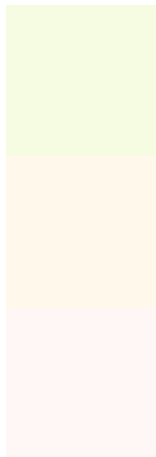


This preview shows how white text looks on a background with the Decimal color 16186594.

# 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



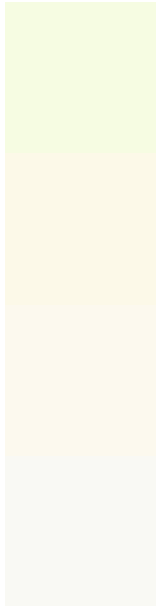
**Original Color**  
16186594

**Protanopia**  
16775403

**Deuteranopia**  
16775157

**Tritanopia**  
16447743

# Trichromacy



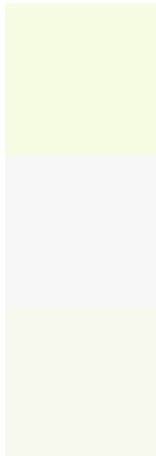
**Original Color**  
16186594

**Protanomaly**  
16579048

**Deuteranomaly**  
16579054

**Tritanomaly**  
16382452

# Monochromacy



**Original Color**  
16186594

**Achromatopsia**  
16250871

**Achromatomaly**  
16251375

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16186594 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 #F6FCE2 looks like.

```
.text, #text, p{  
    color:#F6FCE2  
}
```

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 #F6FCE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6FCE2
}
```

## Border

The CSS property to change the border of an element to Decimal 16186594 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
#F6FCE2 }
```

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

```
.border{ border-color:#F6FCE2 }
```

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

Here you see how a box with a 4 pixel #F6FCE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6FCE2; -webkit-box-shadow:4px 4px  
4px 4px #F6FCE2; box-shadow:4px 4px 4px  
4px #F6FCE2 }
```

# Background

The CSS property to change the background color of an element to Decimal 16186594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6FCE2 }
```

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

```
.background{ background-color:#F6FCE2 }
```

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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