

# Converting Colors

Decimal(16580531)

Have a look what the booklet for  
Decimal(16580531) contains.

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# **Color**

**Decimal(16580531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFFB3
RGB	252, 255, 179
RGB Percent	99%, 100%, 70%
CMY	0.0118, 0.0000, 0.2980
CMYK	0.01, 0.00, 0.30, 0.00
HSL	62°, 100%, 85%
HSV	62°, 30%, 100%
XYZ	84.0416, 95.4701, 56.6459
YIQ	245.4390, 22.6080, -24.2720

# Conversions

## Conversions Part 2

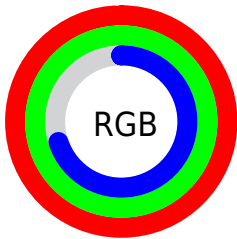
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 255, 182
Decimal	16580531
CIELab	98.22, -12.43, 36.08
CIELCh	98, 38.160, 109.008
Yxy	95.4701, 0.3559, 0.4043
Android (android.graphics.Color)	4294770611 (0xFFFCFFB3)
YUV	245.4390, -32.7544, 5.7540
Hunter-Lab	97.7088, -17.4585, 34.0232

# Details

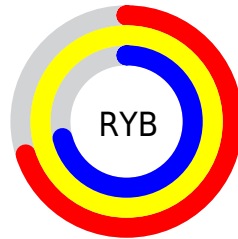
The Decimal color **16580531** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **11973631**, and the grayscale version is **16185078**.

A 20% lighter version of the original color is **16777195**, and **12830334** is the 20% darker color. If you saturate the color by 10%, you get **16514969**, and if you desaturate by 10%, it is **16646092**.

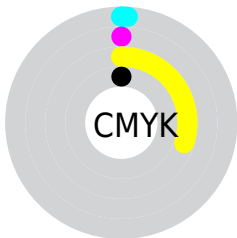
# Distribution



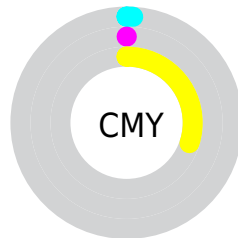
- Red (99%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16580531 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 16580531 by changing the saturation by 10% instead.



 16580531

 16580531

16777215

 14672536

 16777195

 12830334

 10988388

 9212235

 7436083

 5791259

 4146945

 2633728

 924672

 16580531

 16580531

 16514969

 16646092

 16449408

 16711654

 16383846

16777215

 16318285

 16252723

 16187162

 16121600

# Harmonies

## Analogous

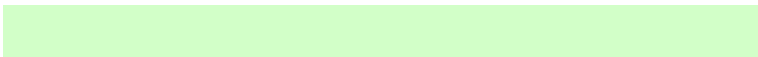
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16774065



16580531



13828040

# Triad

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



16580531



9306111



16769279

# Complementary

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



16580531



11973631

# 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.



16771327



16580531



12058623

# Square

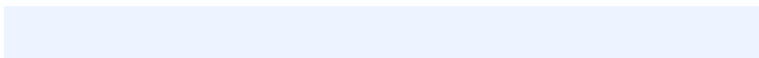
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



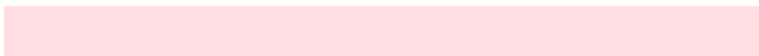
16580531



9043967



15529471



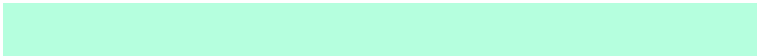
16768995

# Rectangle

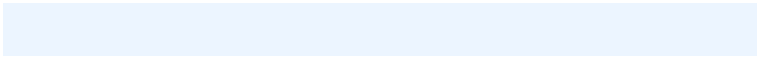
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16580531



11927518



15529471



16769791



# Sweetspot

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



16580531



16711656



16758451



8355953



0



8421504



# Same Dimension

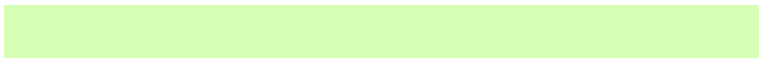
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16580531



16514979



14090163



8355955



12107520



4014080



# Inverse Universe

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



11973631



10986495



14463999



7566208



524479

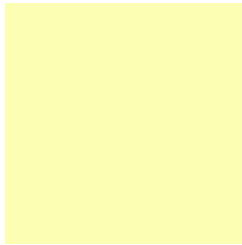


196672



# Previews

## White Background



This preview shows how the Decimal color 16580531 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 16580531 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

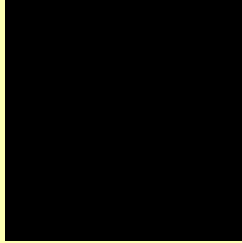
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16580531 Background



This preview shows how black text looks on a background with the Decimal color 16580531.

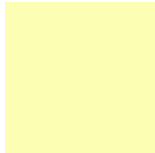


This preview shows how white text looks on a background with the Decimal color 16580531.

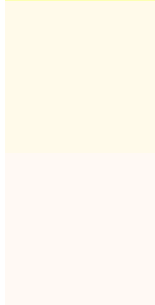
# Color Blindness Simulation

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**  
16580531



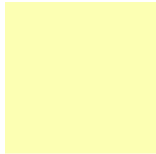
**Protanopia**  
16775914

**Deuteranopia**  
16775668



**Tritanopia**  
16775423

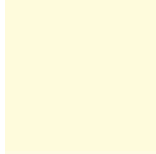
# Trichromacy



**Original Color**  
16580531



**Protanomaly**  
16710870

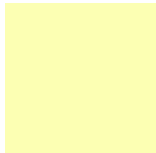


**Deuteranomaly**  
16710620

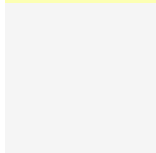


**Tritanomaly**  
16710627

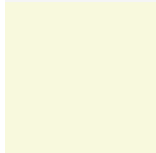
# Monochromacy



**Original Color**  
16580531



**Achromatopsia**  
16119285



**Achromatomaly**  
16316893

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16580531 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 #FCFFB3 looks like.

```
.text, #text, p{  
  color:#FCFFB3  
}
```

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 #FCFFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCFFB3
}
```

## Border

The CSS property to change the border of an element to Decimal 16580531 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
#FCFFB3 }
```

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

```
.border{ border-color:#FCFFB3 }
```

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

Here you see how a box with a 4 pixel #FCFFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCFFB3; -webkit-box-shadow:4px 4px  
4px 4px #FCFFB3; box-shadow:4px 4px 4px  
4px #FCFFB3 }
```

# Background

The CSS property to change the background color of an element to Decimal 16580531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCFFB3 }
```

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

```
.background{ background-color:#FCFFB3 }
```

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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