

# Converting Colors

Decimal(15006681)

Have a look what the booklet for  
Decimal(15006681) contains.

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# **Color**

**Decimal(15006681)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4FBD9
RGB	228, 251, 217
RGB Percent	89%, 98%, 85%
CMY	0.1059, 0.0157, 0.1490
CMYK	0.09, 0.00, 0.14, 0.02
HSL	101°, 81%, 92%
HSV	101°, 14%, 98%
XYZ	79.0165, 90.4981, 78.9489
YIQ	240.2470, -2.7940, -15.4500

# Conversions

## Conversions Part 2

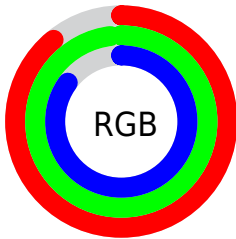
Format	Color
<b>RYB</b>	217, 251, 240
Decimal	15006681
CIELab	96.20, -13.49, 13.78
CIELCh	96, 19.282, 134.400
Yxy	90.4981, 0.3180, 0.3642
Android (android.graphics.Color)	4293196761 (0xFFE4FBD9)
YUV	240.2470, -11.4608, -10.7406
Hunter-Lab	95.1305, -18.2142, 17.3865

# Details

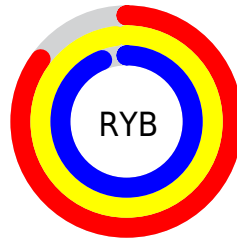
The Decimal color **15006681** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **15784443**, and the grayscale version is **15790320**.

A 20% lighter version of the original color is **16777215**, and **11322018** is the 20% darker color. If you saturate the color by 10%, you get **13892544**, and if you desaturate by 10%, it is **16120818**.

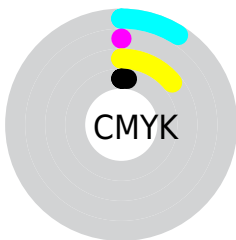
# Distribution



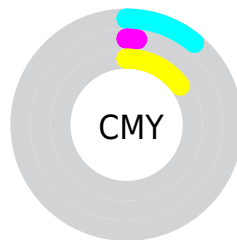
- Red (89%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (94%)



- Cyan (9%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15006681 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 15006681 by changing the saturation by 10% instead.



 15006681

 15006681

16777215

 13164221

 11322018

 9611144

 7900526

 6255446

 4676415

 3162921

 1781012

 6400

 15006681

 15006681

 13892544

 16120818

 12778407

 16776191

 11664270

 10550133

 9435996

 8321858

 7207721

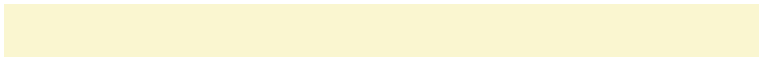
 6093584

 5372672

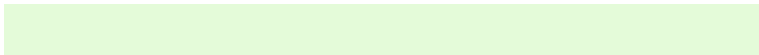
# Harmonies

## Analogous

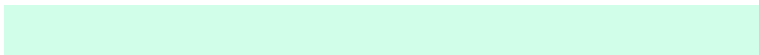
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16447184



15006681



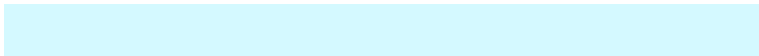
13762281

# Triad

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



15006681



13957631



16771052

# Complementary

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



15006681



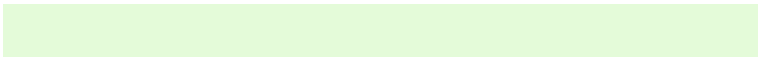
15784443

# Split Complementary

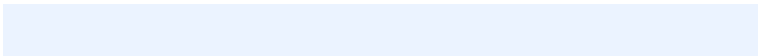
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16771327



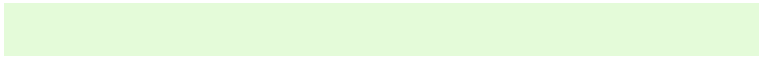
15006681



15463423

# Square

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



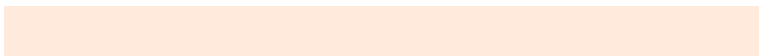
15006681



13041151



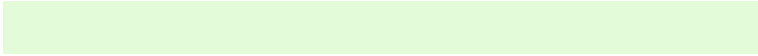
16772351



16771803

# Rectangle

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



15006681



13107190



16772351

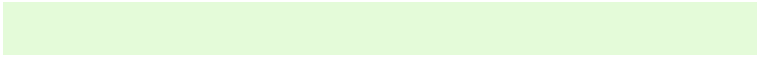


16771058



# Sweetspot

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



15006681



16318453



16511193



8093817



0

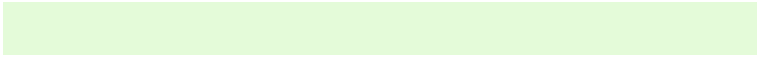


8421504

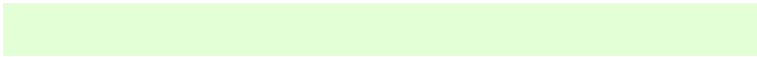


# Same Dimension

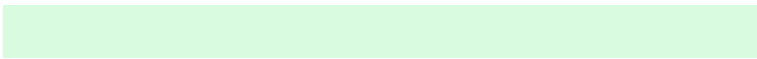
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15006681



14942166



14285791



7634288



4046080



1326336



# Inverse Universe

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



15784443



15914751



16505333



7958653



8388797

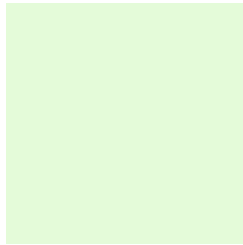


2687037



# Previews

## White Background



This preview shows how the Decimal color 15006681 looks on a white background.

## Color Contrast Check

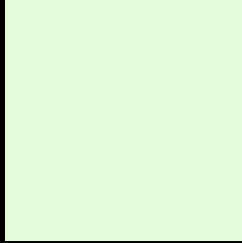
Large Text (above 18pt) WCAG AA × Fail

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 15006681 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

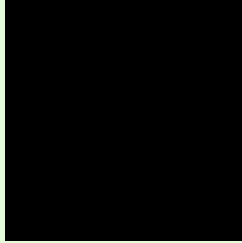
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

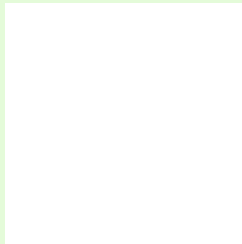
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15006681 Background



This preview shows how black text looks on a background with the Decimal color 15006681.



This preview shows how white text looks on a background with the Decimal color 15006681.

# 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





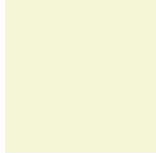
**Tritanopia**  
15725823

# Trichromacy



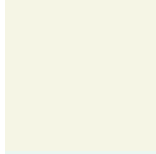
**Original Color**

15006681



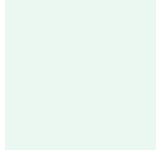
**Protanomaly**

16119511



**Deuteranomaly**

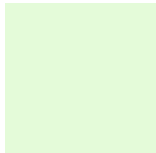
16119269



**Tritanomaly**

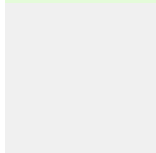
15464433

# Monochromacy



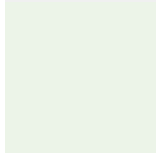
**Original Color**

15006681



**Achromatopsia**

15790320



**Achromatomaly**

15529192

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15006681 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 #E4FBD9 looks like.

```
.text, #text, p{  
    color:#E4FBD9  
}
```

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 #E4FBD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4FBD9
}
```

## Border

The CSS property to change the border of an element to Decimal 15006681 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
#E4FBD9 }
```

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

```
.border{ border-color:#E4FBD9 }
```

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

Here you see how a box with a 4 pixel #E4FBD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4FBD9; -webkit-box-shadow:4px 4px  
4px 4px #E4FBD9; box-shadow:4px 4px 4px  
4px #E4FBD9 }
```

# Background

The CSS property to change the background color of an element to Decimal 15006681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4FBD9 }
```

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

```
.background{ background-color:#E4FBD9 }
```

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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