

# Converting Colors

Decimal(13106401)

Have a look what the booklet for  
Decimal(13106401) contains.

|  |    |
|--|----|
| <b>Decimal(13106401)</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(13106401)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | C7FCE1                       |
| RGB         | 199, 252, 225                |
| RGB Percent | 78%, 99%, 88%                |
| CMY         | 0.2196, 0.0118, 0.1176       |
| CMYK        | 0.21, 0.00, 0.11, 0.01       |
| HSL         | 149°, 90%, 88%               |
| HSV         | 149°, 21%, 99%               |
| XYZ         | 71.9542, 87.1992, 84.2729    |
| YIQ         | 233.0750, -22.9210, -19.6330 |

# Conversions

## Conversions Part 2

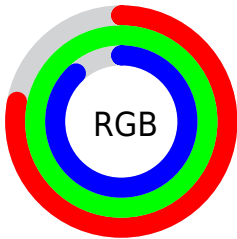
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 199, 235, 252                  |
| Decimal                             | 13106401                       |
| CIE Lab                             | 94.82, -21.99, 7.45            |
| CIE LCh                             | 95, 23.214, 161.293            |
| Yxy                                 | 87.1992, 0.2956,<br>0.3582     |
| Android<br>(android.graphics.Color) | 4291296481<br>(0xFFC7FCE1)     |
| YUV                                 | 233.0750, -3.9810,<br>-29.8838 |
| Hunter-Lab                          | 93.3805, -25.8730,<br>11.8590  |

# Details

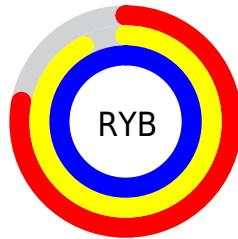
The Decimal color **13106401** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **16566242**, and the grayscale version is **15329769**.

A 20% lighter version of the original color is **16777215**, and **9487274** is the 20% darker color. If you saturate the color by 10%, you get **11467988**, and if you desaturate by 10%, it is **14744814**.

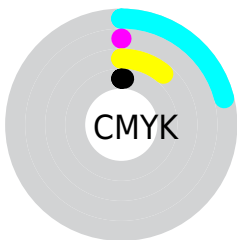
# Distribution



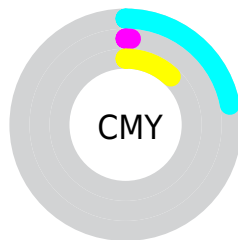
- Red (78%)
- Green (99%)
- Blue (88%)



- Red (78%)
- Yellow (92%)
- Blue (99%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)



- Cyan (22%)
- Magenta (1%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13106401 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 13106401 by changing the saturation by 10% instead.



 13106401

 13106401

16777215

 11263941

 9487274

 7776399

 6065526

 4486237

 2841413

 1196847

 11290

 6656

 13106401

 13106401

 11467988

 14744814

 9829575

 16383227

 8125626

 16776447

 6487214

 4848801

 3210388

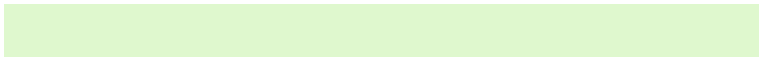
 1571975

 64636

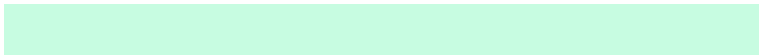
# Harmonies

## Analogous

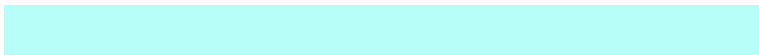
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14678222



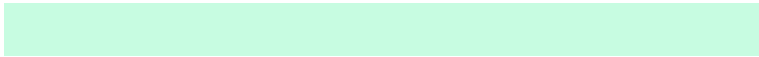
13106401



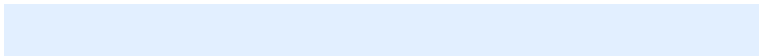
12058104

# Triad

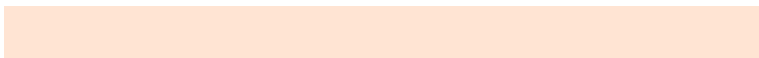
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13106401



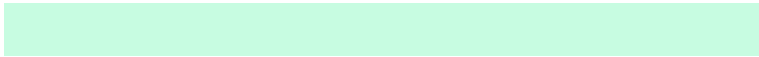
14872575



16770259

# Complementary

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



13106401



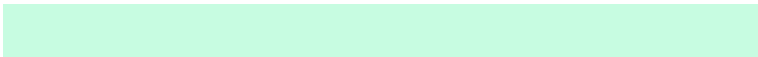
16566242

# 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.



16769256



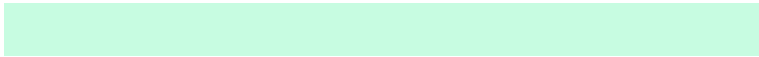
13106401



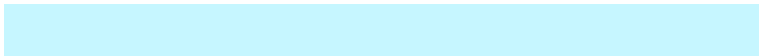
16771327

# Square

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



13106401



13039359



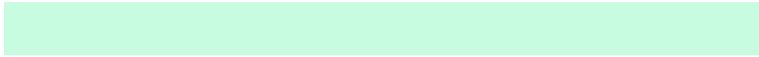
16769791



16771782

# Rectangle

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



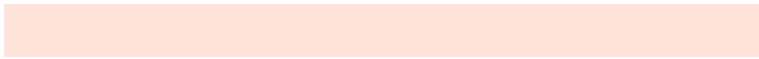
13106401



11861247



16769791

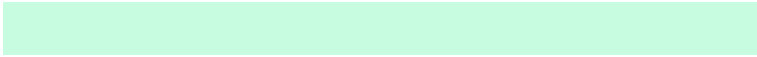


16769754



# Sweetspot

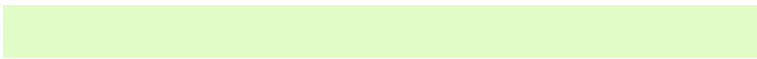
The Sweet Spot groups the original color and five complimentary colors.



13106401



15794167



14875847



7831675



0

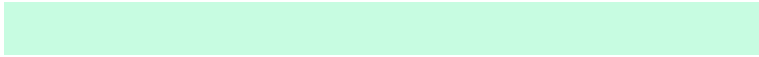


8421504

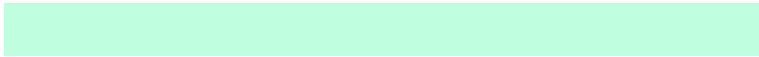


# Same Dimension

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



13106401



12582879



13106427



7372151



48477



15646



# Inverse Universe

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



16566242



16760800



16566216



8220791



12386400

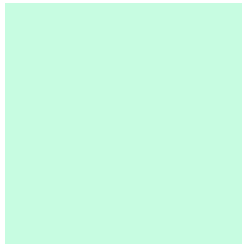


3997727



# Previews

## White Background



This preview shows how the Decimal color 13106401 looks on a white background.

## Color Contrast Check

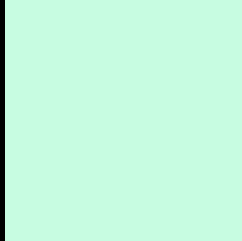
Large Text (above 18pt) WCAG AA × Fail

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 13106401 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

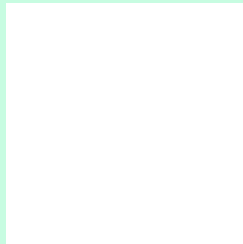
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 13106401 Background



This preview shows how black text looks on a background with the Decimal color 13106401.

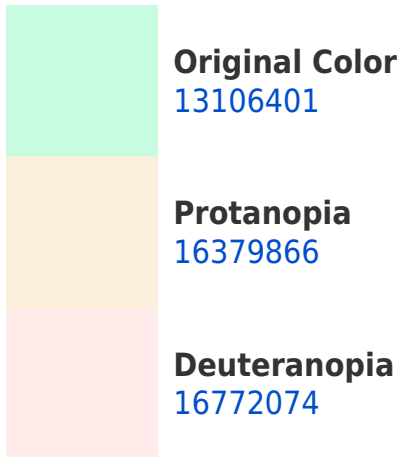


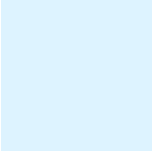
This preview shows how white text looks on a background with the Decimal color 13106401.

# 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





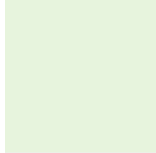
**Tritanopia**  
14545919

# Trichromacy



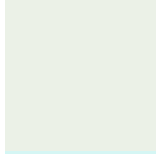
**Original Color**

13106401



**Protanomaly**

15201501



**Deuteranomaly**

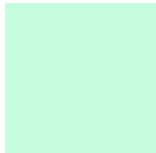
15462887



**Tritanomaly**

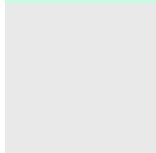
14022388

# Monochromacy



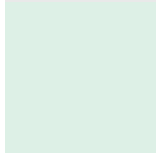
**Original Color**

13106401



**Achromatopsia**

15329769



**Achromatomaly**

14545126

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13106401 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 #C7FCE1 looks like.

```
.text, #text, p{  
    color:#C7FCE1  
}
```

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 #C7FCE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7FCE1
}
```

## Border

The CSS property to change the border of an element to Decimal 13106401 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
#C7FCE1 }
```

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

```
.border{ border-color:#C7FCE1 }
```

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

Here you see how a box with a 4 pixel #C7FCE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7FCE1; -webkit-box-shadow:4px 4px  
4px 4px #C7FCE1; box-shadow:4px 4px 4px  
4px #C7FCE1 }
```

# Background

The CSS property to change the background color of an element to Decimal 13106401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7FCE1 }
```

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

```
.background{ background-color:#C7FCE1 }
```

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