

# Converting Colors

Decimal(12843225)

Have a look what the booklet for  
Decimal(12843225) contains.

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# **Color**

**Decimal(12843225)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | C3F8D9                       |
| RGB         | 195, 248, 217                |
| RGB Percent | 76%, 97%, 85%                |
| CMY         | 0.2353, 0.0275, 0.1490       |
| CMYK        | 0.21, 0.00, 0.13, 0.03       |
| HSL         | 145°, 79%, 87%               |
| HSV         | 145°, 21%, 97%               |
| XYZ         | 68.5975, 83.7467, 78.1949    |
| YIQ         | 228.6190, -21.6370, -20.8770 |

# Conversions

## Conversions Part 2

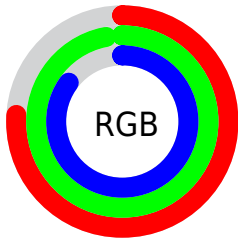
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 195, 232, 248                  |
| Decimal                             | 12843225                       |
| CIELab                              | 93.34, -22.80, 9.41            |
| CIELCh                              | 93, 24.665, 157.560            |
| Yxy                                 | 83.7467, 0.2976,<br>0.3633     |
| Android<br>(android.graphics.Color) | 4291033305<br>(0xFFC3F8D9)     |
| YUV                                 | 228.6190, -5.7282,<br>-29.4839 |
| Hunter-Lab                          | 91.5132, -26.3461,<br>13.3980  |

# Details

The Decimal color **12843225** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **16303074**, and the grayscale version is **15066597**.

A 20% lighter version of the original color is **16580607**, and **9224098** is the 20% darker color. If you saturate the color by 10%, you get **11204810**, and if you desaturate by 10%, it is **14481640**.

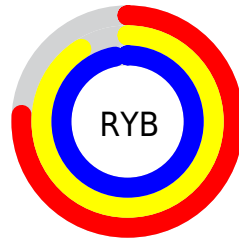
# Distribution



Red (76%)

Green (97%)

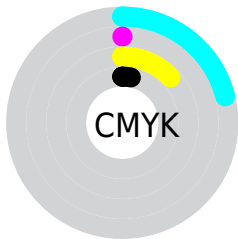
Blue (85%)



Red (76%)

Yellow (91%)

Blue (97%)

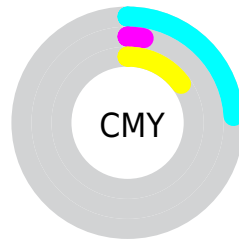


Cyan (21%)

Magenta (0%)

Yellow (13%)

Black (3%)



Cyan (24%)

Magenta (3%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12843225 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 12843225 by changing the saturation by 10% instead.



|  |  |
|--|--|
|  12843225 |  12843225 |
|  16777215 |  11000765 |
|  16580607 |  9224098  |
|  |  7513224  |
|  |  5868143  |
|  |  4223062  |
|  |  2643775  |
|  |  933929  |
|  |  10516  |
|  |  5120   |

 12843225

 12843225

 11204810

 14481640

 9566396

 16120054

 7993517

 16775423

 6355103

 4716688

 3078274

 1439859

 63591

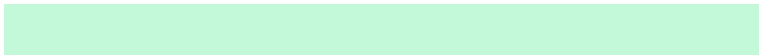
# Harmonies

## Analogous

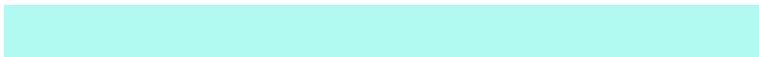
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14545862



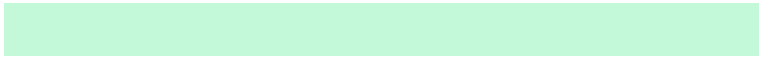
12843225



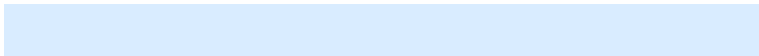
11598577

# Triad

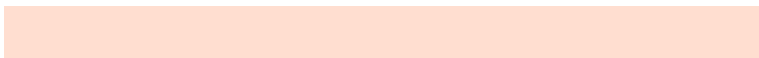
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12843225



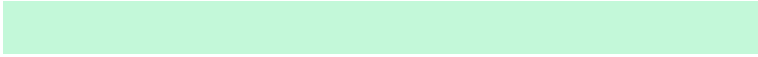
14281983



16768720

# Complementary

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



12843225



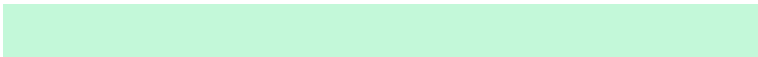
16303074

# 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.



16767975



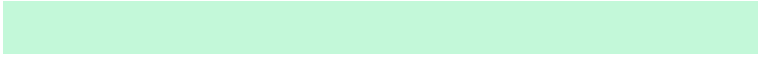
12843225



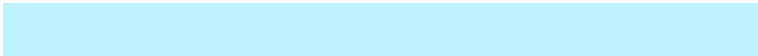
16311551

# Square

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



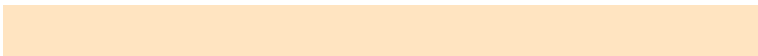
12843225



12383231



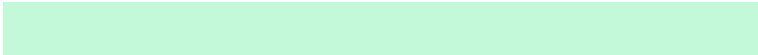
16768511



16770241

# Rectangle

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



12843225



11270655



16768511

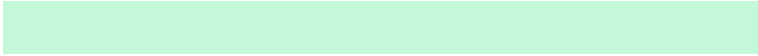


16768215

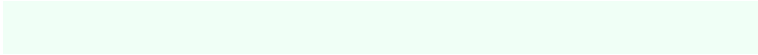


# Sweetspot

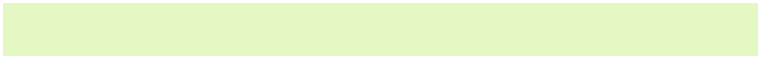
The Sweet Spot groups the original color and five complimentary colors.



12843225



15794166



14940355



7831674



0

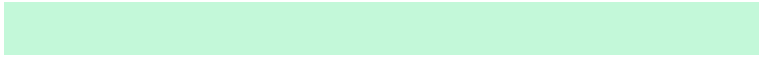


8421504

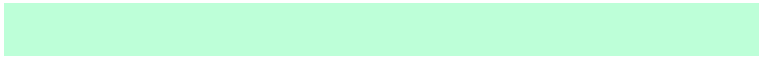


# Same Dimension

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



12843225



12451800



12843251



7372150



48462



15641



# Inverse Universe

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



16303074



16760291



16303048



8220792



12386414

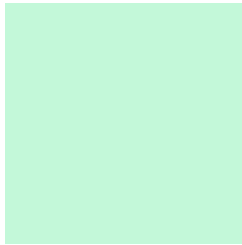


3997732



# Previews

## White Background



This preview shows how the Decimal color 12843225 looks on a white background.

## Color Contrast Check

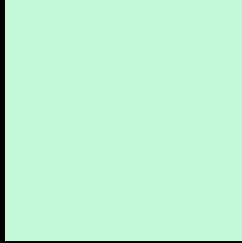
Large Text (above 18pt) WCAG AA × Fail

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 12843225 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

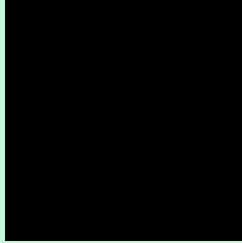
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

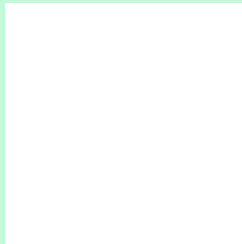
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12843225 Background



This preview shows how black text looks on a background with the Decimal color 12843225.

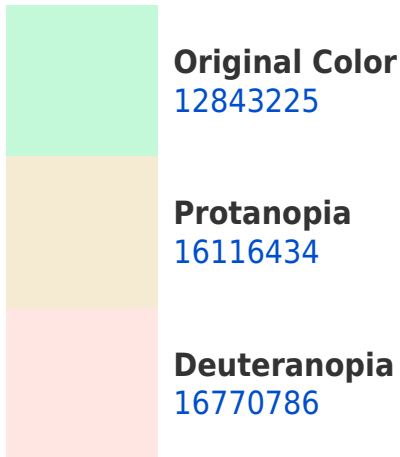


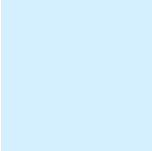
This preview shows how white text looks on a background with the Decimal color 12843225.

# 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



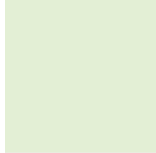


**Tritanopia**  
13955327

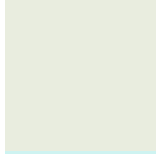
# Trichromacy



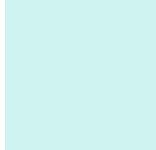
**Original Color**  
12843225



**Protanomaly**  
14938069



**Deuteranomaly**  
15330783

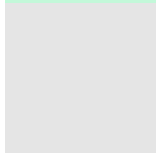


**Tritanomaly**  
13562865

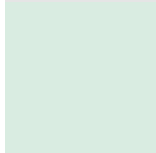
# Monochromacy



**Original Color**  
12843225



**Achromatopsia**  
15066597



**Achromatomaly**  
14281953

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12843225 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 #C3F8D9 looks like.

```
.text, #text, p{  
    color:#C3F8D9  
}
```

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 #C3F8D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3F8D9
}
```

## Border

The CSS property to change the border of an element to Decimal 12843225 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
#C3F8D9 }
```

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

```
.border{ border-color:#C3F8D9 }
```

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

Here you see how a box with a 4 pixel #C3F8D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3F8D9; -webkit-box-shadow:4px 4px  
4px 4px #C3F8D9; box-shadow:4px 4px 4px  
4px #C3F8D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12843225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3F8D9 }
```

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

```
.background{ background-color:#C3F8D9 }
```

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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