

# Converting Colors

Decimal(12838846)

Have a look what the booklet for  
Decimal(12838846) contains.

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# **Color**

**Decimal(12838846)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3E7BE
RGB	195, 231, 190
RGB Percent	76%, 91%, 75%
CMY	0.2353, 0.0941, 0.2549
CMYK	0.16, 0.00, 0.18, 0.09
HSL	113°, 46%, 83%
HSV	113°, 18%, 91%
XYZ	60.3759, 72.4716, 59.5215
YIQ	215.5620, -8.2950, -20.3830

# Conversions

## Conversions Part 2

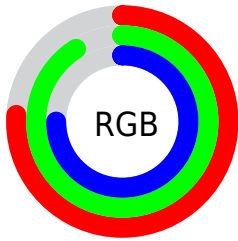
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 231, 226
Decimal	12838846
CIELab	88.20, -19.31, 16.12
CIElCh	88, 25.147, 140.146
Yxy	72.4716, 0.3139, 0.3767
Android (android.graphics.Color)	4291028926 (0xFFC3E7BE)
YUV	215.5620, -12.6021, -18.0329
Hunter-Lab	85.1303, -22.3827, 18.1367

# Details

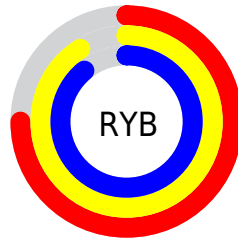
The Decimal color **12838846** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **14860007**, and the grayscale version is **14211288**.

A 20% lighter version of the original color is **16580598**, and **9285513** is the 20% darker color. If you saturate the color by 10%, you get **11528103**, and if you desaturate by 10%, it is **14149589**.

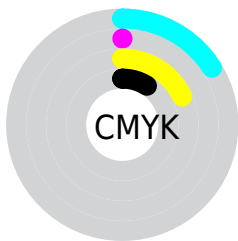
# Distribution



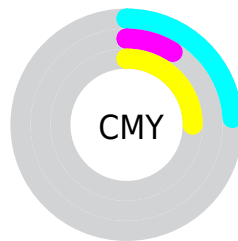
- Red (76%)
- Green (91%)
- Blue (75%)



- Red (75%)
- Yellow (91%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12838846 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 12838846 by changing the saturation by 10% instead.



■ 12838846

16777215

■ 16580598

■ 12838846

■ 11062179

■ 9285513

■ 7574895

■ 5929815

■ 4350527

■ 2837033

■ 1323796

■ 7680


■ 0

 12838846

 12838846

 11528103

 14149589

 10151824

 15525868

 8841081

 16771071

 7530338

 6219595

 4843315

 3532572

 2221829

 1894144

# Harmonies

## Analogous

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



14606768



12838846



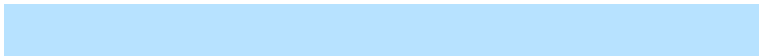
11201492

# Triad

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



12838846



12051199



16764366

# Complementary

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



12838846



14860007

# 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.



16764390



12838846



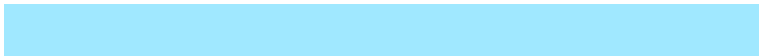
14146303

# Square

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



12838846



10545407



16110332



16765369

# Rectangle

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



12838846



10480613



16110332



16764118



# Sweetspot

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



12838846



16056306



15196862



7962744



0



8421504

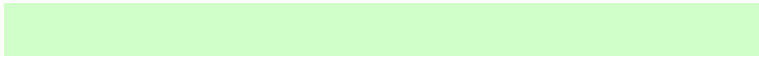


# Same Dimension

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



12838846



13696969



12511181



6910823



1487616



406272



# Inverse Universe

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



14860007



16304639



15187672



7432051



10289331

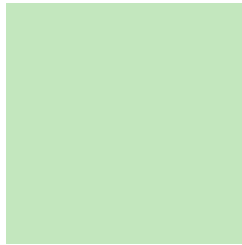


2949171



# Previews

## White Background



This preview shows how the Decimal color 12838846 looks on a white background.

## Color Contrast Check

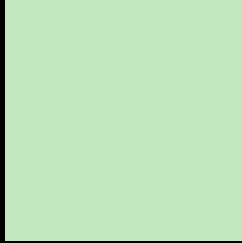
Large Text (above 18pt) WCAG AA × Fail

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 12838846 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

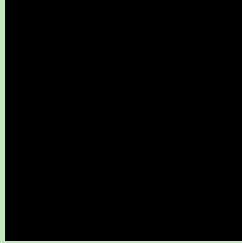
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

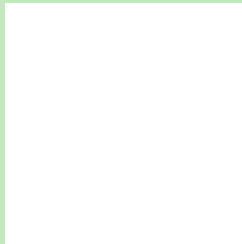
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12838846 Background



This preview shows how black text looks on a background with the Decimal color 12838846.



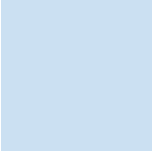
This preview shows how white text looks on a background with the Decimal color 12838846.

# 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](#).

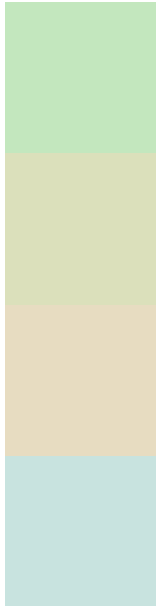
## Dichromacy





**Tritanopia**  
13361394

# Trichromacy



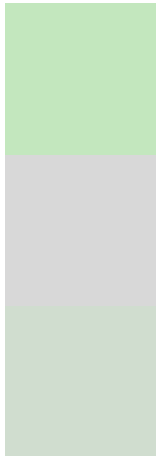
**Original Color**  
12838846

**Protanomaly**  
14409915

**Deuteranomaly**  
15195329

**Tritanomaly**  
13165535

# Monochromacy



**Original Color**  
12838846

**Achromatopsia**  
14211288

**Achromatomaly**  
13688271

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12838846 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 #C3E7BE looks like.

```
.text, #text, p{  
    color:#C3E7BE  
}
```

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 #C3E7BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3E7BE
}
```

## Border

The CSS property to change the border of an element to Decimal 12838846 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
#C3E7BE }
```

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

```
.border{ border-color:#C3E7BE }
```

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

Here you see how a box with a 4 pixel #C3E7BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3E7BE; -webkit-box-shadow:4px 4px  
4px 4px #C3E7BE; box-shadow:4px 4px 4px  
4px #C3E7BE }
```

# Background

The CSS property to change the background color of an element to Decimal 12838846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3E7BE }
```

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

```
.background{ background-color:#C3E7BE }
```

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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