

Converting Colors

Decimal(12838346)

Have a look what the booklet for
Decimal(12838346) contains.

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Color

Decimal(12838346)

Conversions

Conversions Part 1

Format	Color
Hex	C3E5CA
RGB	195, 229, 202
RGB Percent	76%, 90%, 79%
CMY	0.2353, 0.1020, 0.2078
CMYK	0.15, 0.00, 0.12, 0.10
HSL	132°, 40%, 83%
HSV	132°, 15%, 90%
XYZ	61.1857, 71.9050, 66.5313
YIQ	215.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

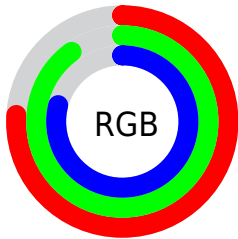
Format	Color
RYB	195, 223, 229
Decimal	12838346
CIELab	87.92, -16.22, 9.46
CIElCh	88, 18.777, 149.738
Yxy	71.9050, 0.3065, 0.3602
Android (android.graphics.Color)	4291028426 (0xFFC3E5CA)
YUV	215.7560, -6.7817, -18.2030
Hunter-Lab	84.7968, -19.5967, 12.8390

Details

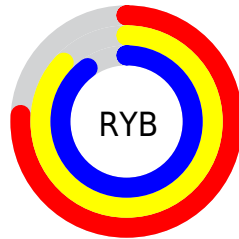
The Decimal color **12838346** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **15057886**, and the grayscale version is **14211288**.

A 20% lighter version of the original color is **16580607**, and **9285012** is the 20% darker color. If you saturate the color by 10%, you get **11331000**, and if you desaturate by 10%, it is **14345692**.

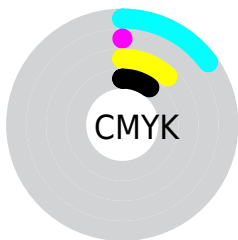
Distribution



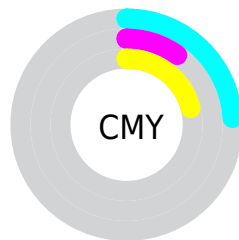
- Red (76%)
- Green (90%)
- Blue (79%)



- Red (76%)
- Yellow (87%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12838346 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 12838346 by changing the saturation by 10% instead.

■ 12838346

16777215

■ 16580607

■ 12838346

■ 11061679

■ 9285012

■ 7574394

■ 5929313

■ 4350026

■ 2836531

■ 1389086

■ 7429

■ 0

 12838346

 12838346

 11331000

 14345692

 9823654

 15853038

 8316307

 16770559

 6808961

 5301615

 3859805

 2352459

 845113

 58671

Harmonies

Analogous

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



14148029



12838346



11790300

Triad

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



12838346



13229823



16765388

Complementary

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



12838346



15057886

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.



16765149



12838346



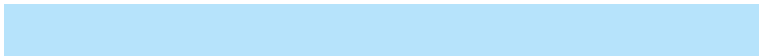
14735611

Square

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



12838346



11985915



16045039



16438718

Rectangle

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



12838346



11462632



16045039



16765393

Sweetspot

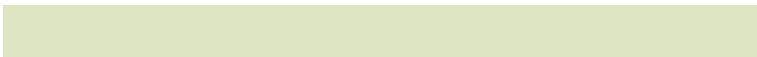
The Sweet Spot groups the original color and five complimentary colors.



12838346



16121847



14607811



7962746



0



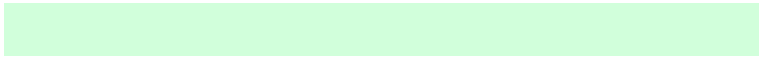
8421504

Same Dimension

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



12838346



13762523



12838363



6779754



45861



13067

Inverse Universe

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



15057886



16765430



15057869



7563120



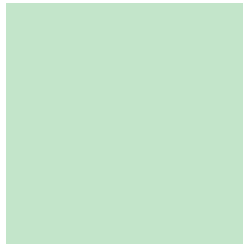
11731086



3342377

Previews

White Background



This preview shows how the Decimal color 12838346 looks on a white background.

Color Contrast Check

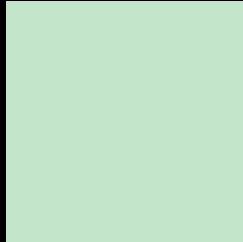
Large Text (above 18pt) WCAG AA × Fail

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 12838346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

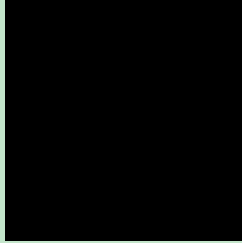
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

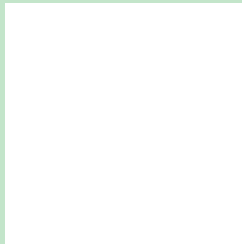
Any Text WCAG AAA ✓ Pass

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

Decimal 12838346 Background



This preview shows how black text looks on a background with the Decimal color 12838346.

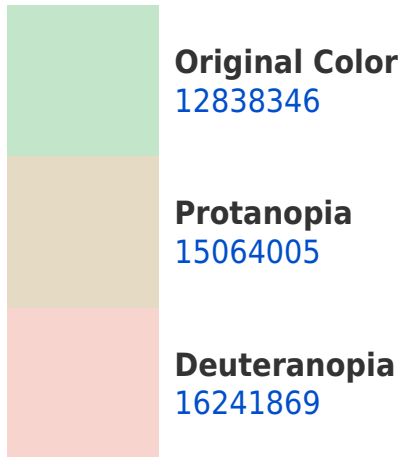


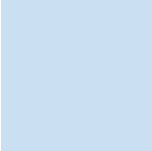
This preview shows how white text looks on a background with the Decimal color 12838346.

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
13295601

Trichromacy



Original Color
12838346

Protanomaly
14278599

Deuteranomaly
14998220

Tritanomaly
13099491

Monochromacy



Original Color
12838346

Achromatopsia
14211288

Achromatomaly
13688275

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12838346 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 #C3E5CA looks like.

```
.text, #text, p{  
  color:#C3E5CA  
}
```

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 #C3E5CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3E5CA
}
```

Border

The CSS property to change the border of an element to Decimal 12838346 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
#C3E5CA }
```

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

```
.border{ border-color:#C3E5CA }
```

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

Here you see how a box with a 4 pixel #C3E5CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3E5CA; -webkit-box-shadow:4px 4px  
4px 4px #C3E5CA; box-shadow:4px 4px 4px  
4px #C3E5CA }
```

Background

The CSS property to change the background color of an element to Decimal 12838346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3E5CA }
```

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

```
.background{ background-color:#C3E5CA }
```

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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