

# Converting Colors

Decimal(12836283)

Have a look what the booklet for  
Decimal(12836283) contains.

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# **Color**

**Decimal(12836283)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3DDBB
RGB	195, 221, 187
RGB Percent	76%, 87%, 73%
CMY	0.2353, 0.1333, 0.2667
CMYK	0.12, 0.00, 0.15, 0.13
HSL	106°, 33%, 80%
HSV	106°, 15%, 87%
XYZ	57.3318, 66.9029, 56.9055
YIQ	209.3500, -4.5820, -16.0860

# Conversions

## Conversions Part 2

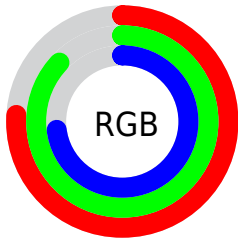
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 221, 213
Decimal	12836283
CIELab	85.45, -14.84, 13.82
CIELCh	85, 20.282, 137.037
Yxy	66.9029, 0.3165, 0.3693
Android (android.graphics.Color)	4291026363 (0xFFC3DDBB)
YUV	209.3500, -11.0186, -12.5850
Hunter-Lab	81.7942, -18.0243, 16.0069

# Details

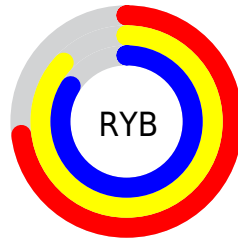
The Decimal color **12836283** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **14007261**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **16580595**, and **9283206** is the 20% darker color. If you saturate the color by 10%, you get **11722149**, and if you desaturate by 10%, it is **13950417**.

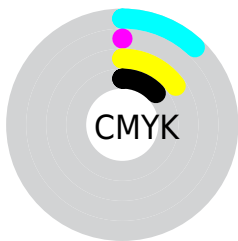
# Distribution



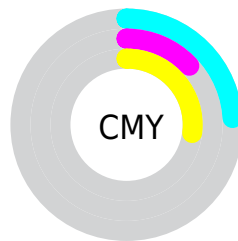
- Red (76%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12836283 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 12836283 by changing the saturation by 10% instead.



 12836283

 12836283

16777215

 11059616

 16580595

 9283206

 7572588

 5993044

 4413757

 2900519

 1453074

 6144

 0

 12836283

 12836283

 11722149

 13950417

 10608015

 15064551

 9493881

 16178685

 8379747

 16768511

 7331149

 6217014

 5102880

 3988746

 3464448

# Harmonies

## Analogous

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



14276785



12836283



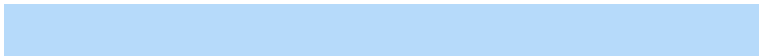
11526348

# Triad

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



12836283



11983610



16697547

# Complementary

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



12836283



14007261

# 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.



16239071



12836283



13554682

# Square

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



12836283



10936049



15126000



16436410

# Rectangle

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



12836283



10936794



15126000



16632018

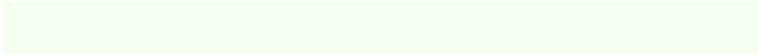


# Sweetspot

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



12836283



16121842



14538171



8028280



0



8421504

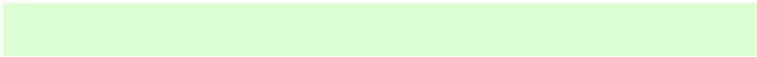


# Same Dimension

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



12836283



14483409



12312004



6647395



2731264



732672



# Inverse Universe

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



14007261



16044543



14531541



7037806



8716461

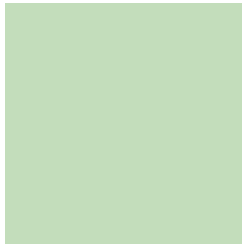


2293806



# Previews

## White Background



This preview shows how the Decimal color 12836283 looks on a white background.

## Color Contrast Check

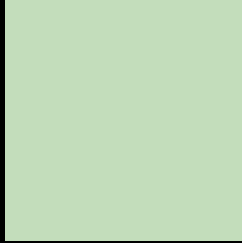
Large Text (above 18pt) WCAG AA × Fail

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 12836283 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

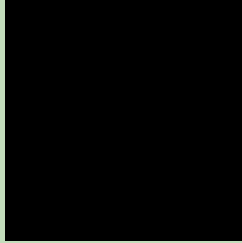
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

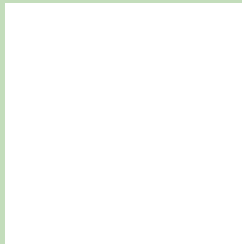
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12836283 Background



This preview shows how black text looks on a background with the Decimal color 12836283.



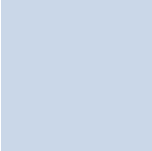
This preview shows how white text looks on a background with the Decimal color 12836283.

# 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**  
13293544

# Trichromacy



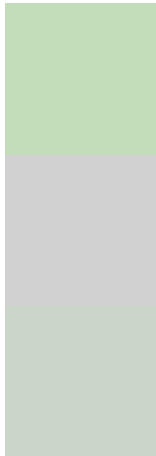
**Original Color**  
12836283

**Protanomaly**  
14014648

**Deuteranomaly**  
14799805

**Tritanomaly**  
13097432

# Monochromacy



**Original Color**  
12836283

**Achromatopsia**  
13750737

**Achromatomaly**  
13424073

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12836283 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 #C3DDBB looks like.

```
.text, #text, p{  
    color:#C3DDBB  
}
```

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 #C3DDBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DDBB
}
```

## Border

The CSS property to change the border of an element to Decimal 12836283 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
#C3DDBB }
```

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

```
.border{ border-color:#C3DDBB }
```

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

Here you see how a box with a 4 pixel #C3DDBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DDBB; -webkit-box-shadow:4px 4px  
4px 4px #C3DDBB; box-shadow:4px 4px 4px  
4px #C3DDBB }
```

# Background

The CSS property to change the background color of an element to Decimal 12836283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DDBB }
```

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

```
.background{ background-color:#C3DDBB }
```

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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