

# Converting Colors

Decimal(12836028)

Have a look what the booklet for  
Decimal(12836028) contains.

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# **Color**

**Decimal(12836028)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | C3DCBC                      |
| RGB           | 195, 220, 188               |
| RGB Percent   | 76%, 86%, 74%               |
| CMY           | 0.2353, 0.1373, 0.2627      |
| CMYK          | 0.11, 0.00, 0.15, 0.14      |
| HSL           | 107°, 31%, 80%              |
| HSV           | 107°, 15%, 86%              |
| XYZ           | 57.1760, 66.4193, 57.3837   |
| YIQ           | 208.8770, -4.6280, -15.2520 |

# Conversions

## Conversions Part 2

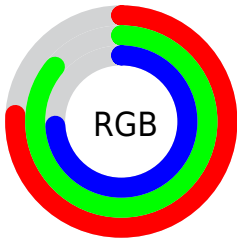
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| R <sub>YB</sub>                     | 188, 220, 213                   |
| Decimal                             | 12836028                        |
| CIE Lab                             | 85.21, -14.17, 12.95            |
| CIE LCh                             | 85, 19.196, 137.574             |
| Yxy                                 | 66.4193, 0.3159,<br>0.3670      |
| Android<br>(android.graphics.Color) | 4291026108<br>(0xFFC3DCBC)      |
| YUV                                 | 208.8770, -10.2924,<br>-12.1701 |
| Hunter-Lab                          | 81.4981, -17.3927,<br>15.3019   |

# Details

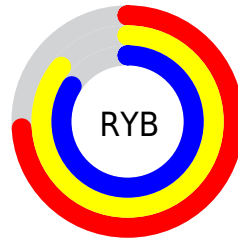
The Decimal color **12836028** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **14007516**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **16580596**, and **9282951** is the 20% darker color. If you saturate the color by 10%, you get **11721894**, and if you desaturate by 10%, it is **13950162**.

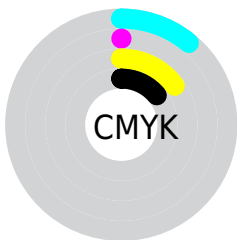
# Distribution



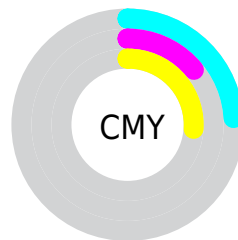
- Red (76%)
- Green (86%)
- Blue (74%)



- Red (74%)
- Yellow (86%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12836028 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 12836028 by changing the saturation by 10% instead.



■ 12836028

16777215

■ 16580596

■ 12836028

■ 11059361

■ 9282951

■ 7572333

■ 5992789

■ 4413758

■ 2900264

■ 1518355

■ 6144

■ 0

 12836028

 12836028

 11721894

 13950162

 10607760

 15064296

 9428090

 16243966

 8313956

 16768255

 7199822

 6085688

 4971554

 3791884

 3202048

# Harmonies

## Analogous

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



14210994



12836028



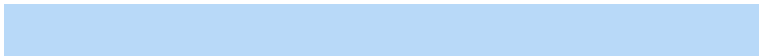
11591628

# Triad

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



12836028



12114424



16501195

# Complementary

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



12836028



14007516

# 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.



16107997



12836028



13620215

# Square

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



12836028



11066863



15060461



16239803

# Rectangle

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



12836028



11067609



15060461



16435409



# Sweetspot

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



12836028



16252917



14472636



8093817



0



8421504

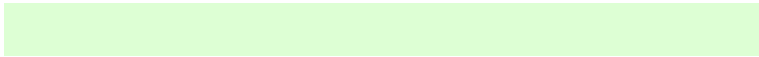


# Same Dimension

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



12836028



14548948



12377285



6647395



2534656



667136



# Inverse Universe

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



14007516



16176383



14466259



7037806



8847533

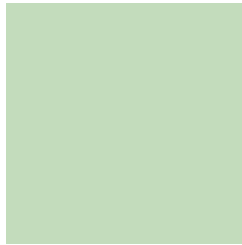


2359342



# Previews

## White Background



This preview shows how the Decimal color 12836028 looks on a white background.

## Color Contrast Check

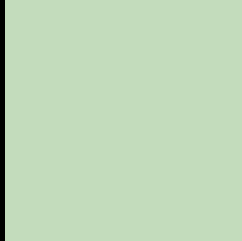
Large Text (above 18pt) WCAG AA × Fail

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 12836028 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

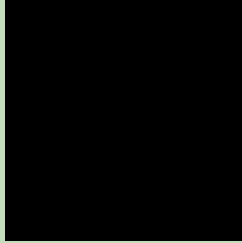
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

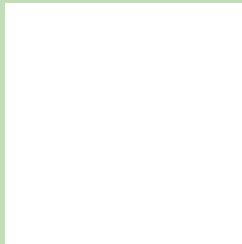
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12836028 Background



This preview shows how black text looks on a background with the Decimal color 12836028.



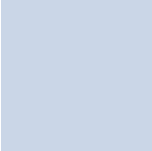
This preview shows how white text looks on a background with the Decimal color 12836028.

# 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**  
13293287

# Trichromacy



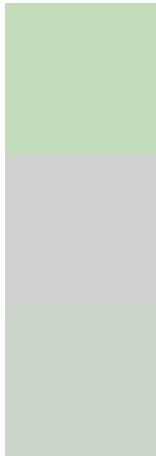
**Original Color**  
12836028

**Protanomaly**  
14014393

**Deuteranomaly**  
14734014

**Tritanomaly**  
13097175

# Monochromacy



**Original Color**  
12836028

**Achromatopsia**  
13750737

**Achromatomaly**  
13424073

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12836028 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 #C3DCBC looks like.

```
.text, #text, p{  
    color:#C3DCBC  
}
```

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 #C3DCBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DCBC
}
```

## Border

The CSS property to change the border of an element to Decimal 12836028 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
#C3DCBC }
```

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

```
.border{ border-color:#C3DCBC }
```

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

Here you see how a box with a 4 pixel #C3DCBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DCBC; -webkit-box-shadow:4px 4px  
4px 4px #C3DCBC; box-shadow:4px 4px 4px  
4px #C3DCBC }
```

# Background

The CSS property to change the background color of an element to Decimal 12836028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DCBC }
```

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

```
.background{ background-color:#C3DCBC }
```

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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