

# Converting Colors

Decimal(12835272)

Have a look what the booklet for  
Decimal(12835272) contains.

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# **Color**

**Decimal(12835272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3D9C8
RGB	195, 217, 200
RGB Percent	76%, 85%, 78%
CMY	0.2353, 0.1490, 0.2157
CMYK	0.10, 0.00, 0.08, 0.15
HSL	134°, 22%, 81%
HSV	134°, 10%, 85%
XYZ	57.7439, 65.3979, 64.2232
YIQ	208.4840, -7.6550, -9.9510

# Conversions

## Conversions Part 2

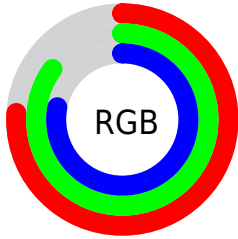
Format	Color
<a href="#">RYB</a>	<a href="#">195, 213, 217</a>
Decimal	<a href="#">12835272</a>
CIELab	<a href="#">84.69, -10.53, 5.87</a>
CIELCh	<a href="#">85, 12.055, 150.851</a>
Yxy	<a href="#">65.3979, 0.3082, 0.3490</a>
Android (android.graphics.Color)	<a href="#">4291025352 (0xFFC3D9C8)</a>
YUV	<a href="#">208.4840, -4.1826, -11.8255</a>
Hunter-Lab	<a href="#">80.8690, -14.0642, 9.5223</a>

# Details

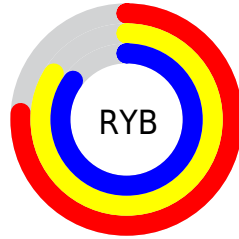
The Decimal color **12835272** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **14271444**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **16580607**, and **9282194** is the 20% darker color. If you saturate the color by 10%, you get **11393463**, and if you desaturate by 10%, it is **14277081**.

# Distribution



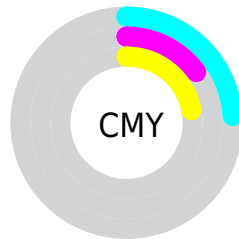
- Red (76%)
- Green (85%)
- Blue (78%)



- Red (76%)
- Yellow (84%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12835272 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 12835272 by changing the saturation by 10% instead.





 12835272

 12835272

 11393463

 14277081

 10017190

 15653354

 8575382

 16767482

 7133573

 16767487

 5691764

 4315491

 2873683

 1431874

 55601

# Harmonies

## Analogous

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



13686464



12835272



12245715

# Triad

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



12835272



13161706



15518920

# Complementary

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



12835272



14271444

# 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.



15453395



12835272



14078183

# Square

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



12835272



12376295



14929375



15192000

# Rectangle

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



12835272



12049115



14929375



15518924



# Sweetspot

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



12835272



16252921



13949379



8028284



0



8421504

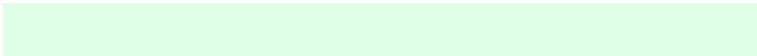


# Same Dimension

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



12835272



14745575



12835283



6516325



44327



11786



# Inverse Universe

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



14271444



16769272



14271433



7234411



11337862



3014691



# Previews

## White Background



This preview shows how the Decimal color 12835272 looks on a white background.

## Color Contrast Check

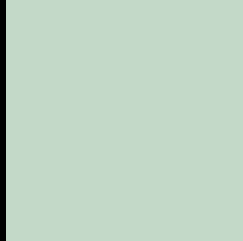
Large Text (above 18pt) WCAG AA × Fail

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 12835272 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

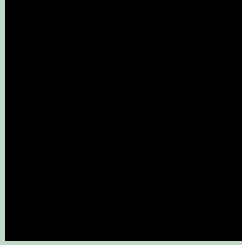
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

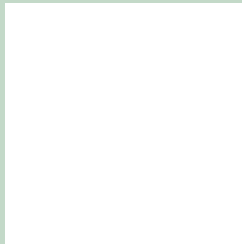
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12835272 Background



This preview shows how black text looks on a background with the Decimal color 12835272.

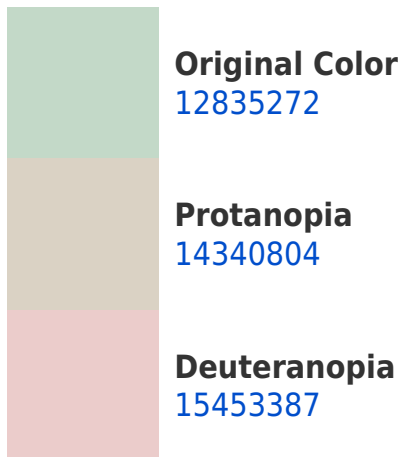


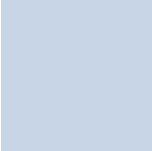
This preview shows how white text looks on a background with the Decimal color 12835272.

# 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**  
13161958

# Trichromacy



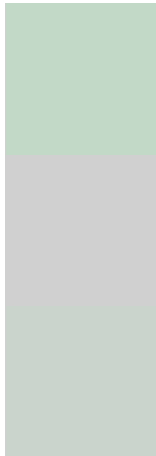
**Original Color**  
12835272

**Protanomaly**  
13817285

**Deuteranomaly**  
14471626

**Tritanomaly**  
13031131

# Monochromacy



**Original Color**  
12835272

**Achromatopsia**  
13684944

**Achromatomaly**  
13358029

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12835272 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 #C3D9C8 looks like.

```
.text, #text, p{  
    color:#C3D9C8  
}
```

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 #C3D9C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D9C8
}
```

## Border

The CSS property to change the border of an element to Decimal 12835272 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
#C3D9C8 }
```

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

```
.border{ border-color:#C3D9C8 }
```

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

Here you see how a box with a 4 pixel #C3D9C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D9C8; -webkit-box-shadow:4px 4px  
4px 4px #C3D9C8; box-shadow:4px 4px 4px  
4px #C3D9C8 }
```

# Background

The CSS property to change the background color of an element to Decimal 12835272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D9C8 }
```

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

```
.background{ background-color:#C3D9C8 }
```

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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