

# Converting Colors

Decimal(12833212)

Have a look what the booklet for  
Decimal(12833212) contains.

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# **Color**

**Decimal(12833212)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3D1BC
RGB	195, 209, 188
RGB Percent	76%, 82%, 74%
CMY	0.2353, 0.1804, 0.2627
CMYK	0.07, 0.00, 0.10, 0.18
HSL	100°, 19%, 78%
HSV	100°, 10%, 82%
XYZ	54.3832, 60.8339, 56.4528
YIQ	202.4200, -1.6030, -9.4990

# Conversions

## Conversions Part 2

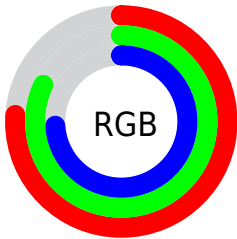
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 209, 202
Decimal	12833212
CIELab	82.29, -8.57, 8.79
CIELCh	82, 12.277, 134.257
Yxy	60.8339, 0.3168, 0.3544
Android (android.graphics.Color)	4291023292 (0xFFC3D1BC)
YUV	202.4200, -7.1091, -6.5073
Hunter-Lab	77.9961, -12.0329, 11.6838

# Details

The Decimal color **12833212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13286609**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16580596**, and **9280391** is the 20% darker color. If you saturate the color by 10%, you get **11915687**, and if you desaturate by 10%, it is **13750737**.

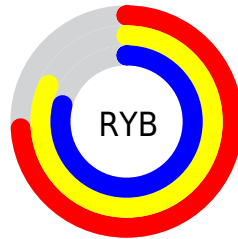
# Distribution



Red (76%)

Green (82%)

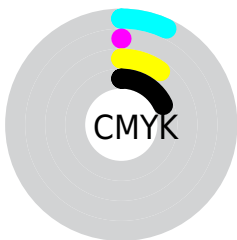
Blue (74%)



Red (74%)

Yellow (82%)

Blue (79%)

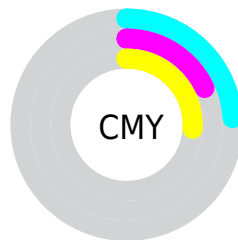


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (18%)



Cyan (24%)

Magenta (18%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12833212 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 12833212 by changing the saturation by 10% instead.



■ 12833212

16777215

■ 16580596

■ 12833212

■ 11056545

■ 9280391

■ 7635309

■ 5990485

■ 4411198

■ 2963752

■ 1581844

■ 3584

■ 0

 12833212

 12833212

 11915687

 13750737

 10998162

 14668262

 10080637

 15585787

 9163112

 16503295

 8245588

 16765439

 7328063

 6410538

 5558549

 4641024

# Harmonies

## Analogous

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



13684406



12833212



12047302

# Triad

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



12833212



12243171



15123911

# Complementary

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



12833212



13286609

# 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.



14796499



12833212



13094115

# Square

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



12833212



11653852



14076125



14993341

# Rectangle

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



12833212



11719886



14076125



15058379



# Sweetspot

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



12833212



16449527



13748924



8159354



0



8421504



# Same Dimension

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



12833212



15466464



12374464



6449502



3713024



928000



# Inverse Universe

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



13286609



16113919



13745357



6643305



7340200



1769513



# Previews

## White Background



This preview shows how the Decimal color 12833212 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 12833212 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 12833212 Background



This preview shows how black text looks on a background with the Decimal color 12833212.



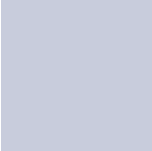
This preview shows how white text looks on a background with the Decimal color 12833212.

# 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](#).

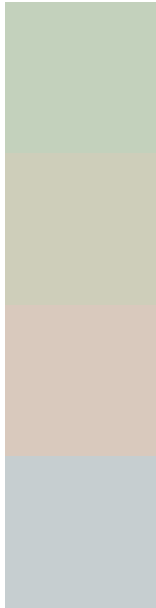
## Dichromacy





**Tritanopia**  
13159644

# Trichromacy



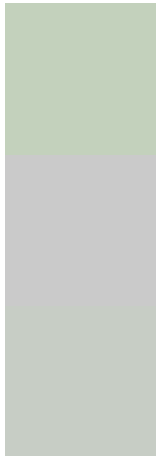
**Original Color**  
12833212

**Protanomaly**  
13553338

**Deuteranomaly**  
14272957

**Tritanomaly**  
13029072

# Monochromacy



**Original Color**  
12833212

**Achromatopsia**  
13290186

**Achromatomaly**  
13094341

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12833212 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 #C3D1BC looks like.

```
.text, #text, p{  
    color:#C3D1BC  
}
```

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 #C3D1BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D1BC }  
}
```

## Border

The CSS property to change the border of an element to Decimal 12833212 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 #C3D1BC }  
}
```

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

```
.border{ border-color:#C3D1BC }
```

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

Here you see how a box with a 4 pixel #C3D1BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D1BC; -webkit-box-shadow:4px 4px  
4px 4px #C3D1BC; box-shadow:4px 4px 4px  
4px #C3D1BC }
```

# Background

The CSS property to change the background color of an element to Decimal 12833212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D1BC }
```

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

```
.background{ background-color:#C3D1BC }
```

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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