

# Converting Colors

Decimal(12898987)

Have a look what the booklet for  
Decimal(12898987) contains.

<b>Decimal(12898987)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(12898987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4D2AB
RGB	196, 210, 171
RGB Percent	77%, 82%, 67%
CMY	0.2314, 0.1765, 0.3294
CMYK	0.07, 0.00, 0.19, 0.18
HSL	82°, 30%, 75%
HSV	82°, 19%, 82%
XYZ	53.1622, 60.7692, 47.4558
YIQ	201.3680, 4.1750, -15.0970

# Conversions

## Conversions Part 2

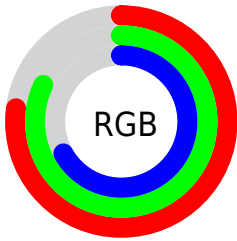
Format	Color
<a href="#">RYB</a>	<a href="#">171, 210, 185</a>
Decimal	<a href="#">12898987</a>
CIELab	<a href="#">82.25, -11.55, 17.77</a>
CIElCh	<a href="#">82, 21.190, 123.022</a>
Yxy	<a href="#">60.7692, 0.3294, 0.3765</a>
Android (android.graphics.Color)	<a href="#">4291089067 (0xFFC4D2AB)</a>
YUV	<a href="#">201.3680, -14.9714, -4.7077</a>
Hunter-Lab	<a href="#">77.9546, -14.6900, 18.4748</a>

# Details

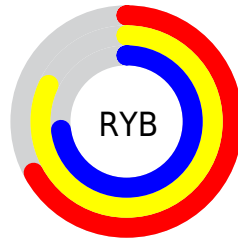
The Decimal color **12898987** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **12168146**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16646114**, and **9346167** is the 20% darker color. If you saturate the color by 10%, you get **12374678**, and if you desaturate by 10%, it is **13423296**.

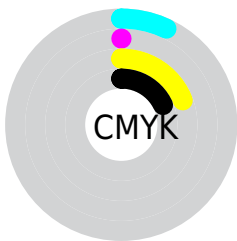
# Distribution



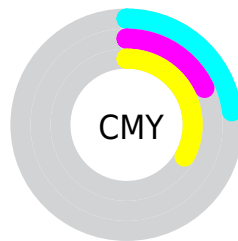
- Red (77%)
- Green (82%)
- Blue (67%)



- Red (67%)
- Yellow (82%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12898987 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 12898987 by changing the saturation by 10% instead.



■ 12898987

■ 12898987

16777215

■ 11122320

■ 16646114

■ 9346167

■ 7635550

■ 5990470

■ 4476975

■ 2963738

■ 1647616

■ 3840

■ 0

 12898987

 12898987

 12374678

 13423296

 11915905

 13882069

 11391596

 14406378

 10932823

 14865151

 10408514

 15389439

 9949741

 15848191

 9425432

 16372479

 8966659

 16765695

 8901120

# Harmonies

## Analogous

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



14339237



12898987



11458234

# Triad

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



12898987



10671343



16105419

# Complementary

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



12898987



12168146

# 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.



15253983



12898987



12177140

# Square

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



12898987



9951201



13879278



16105656

# Rectangle

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



12898987



10606791



13879278



15908818



# Sweetspot

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



12898987



16449520



13810091



8159351



0



8421504

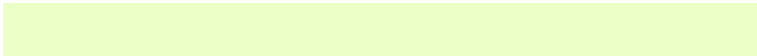


# Same Dimension

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



12898987



15466439



11653803



6646110



7120896



1714432



# Inverse Universe

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



12168146



14403583



13413330



6446697



3932328



983081



# Previews

## White Background



This preview shows how the Decimal color 12898987 looks on a white background.

## Color Contrast Check

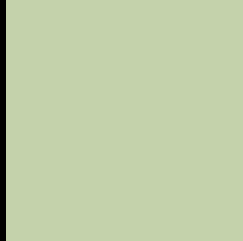
Large Text (above 18pt) WCAG AA × Fail

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 12898987 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

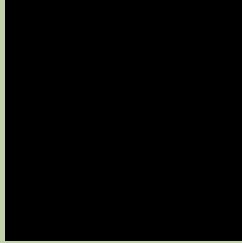
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

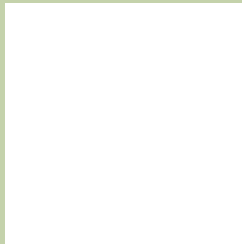
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12898987 Background



This preview shows how black text looks on a background with the Decimal color 12898987.



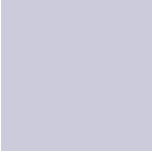
This preview shows how white text looks on a background with the Decimal color 12898987.

# 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](#).

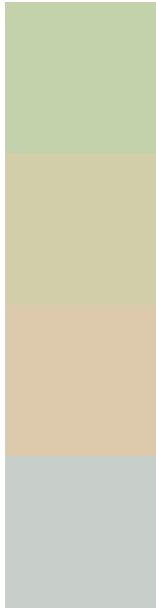
## Dichromacy





**Tritanopia**  
13355995

# Trichromacy



**Original Color**  
12898987

**Protanomaly**  
13749929

**Deuteranomaly**  
14535341

**Tritanomaly**  
13160138

# Monochromacy



**Original Color**  
12898987

**Achromatopsia**  
13224393

**Achromatomaly**  
13094078

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12898987 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 #C4D2AB looks like.

```
.text, #text, p{  
  color:#C4D2AB  
}
```

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 #C4D2AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D2AB
}
```

## Border

The CSS property to change the border of an element to Decimal 12898987 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
#C4D2AB }
```

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

```
.border{ border-color:#C4D2AB }
```

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

Here you see how a box with a 4 pixel #C4D2AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D2AB; -webkit-box-shadow:4px 4px  
4px 4px #C4D2AB; box-shadow:4px 4px 4px  
4px #C4D2AB }
```

# Background

The CSS property to change the background color of an element to Decimal 12898987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D2AB }
```

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

```
.background{ background-color:#C4D2AB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor