

# Converting Colors

Decimal(13292938)

Have a look what the booklet for  
Decimal(13292938) contains.

<b>Decimal(13292938)</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(13292938)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAD58A
RGB	202, 213, 138
RGB Percent	79%, 84%, 54%
CMY	0.2078, 0.1647, 0.4588
CMYK	0.05, 0.00, 0.35, 0.16
HSL	69°, 47%, 69%
HSV	69°, 35%, 84%
XYZ	52.7388, 61.9800, 33.2285
YIQ	201.1610, 17.5190, -25.6570

# Conversions

## Conversions Part 2

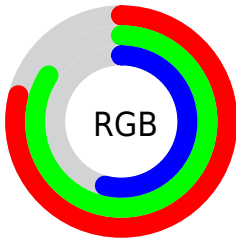
Format	Color
R <sub>YB</sub>	138, 213, 149
Decimal	13292938
CIE <sub>Lab</sub>	82.90, -15.44, 35.87
CIE <sub>LCh</sub>	83, 39.051, 113.288
Yxy	61.9800, 0.3565, 0.4189
Android (android.graphics.Color)	4291483018 (0xFFCAD58A)
YUV	201.1610, -31.1384, 0.7358
Hunter-Lab	78.7274, -18.1973, 30.0847

# Details

The Decimal color **13292938** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9800405**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16777152**, and **9674327** is the 20% darker color. If you saturate the color by 10%, you get **13096309**, and if you desaturate by 10%, it is **13489567**.

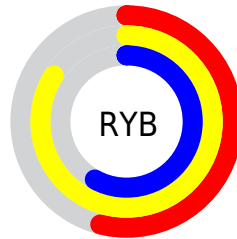
# Distribution



Red (79%)

Green (84%)

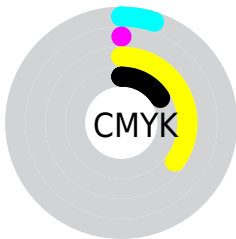
Blue (54%)



Red (54%)

Yellow (84%)

Blue (58%)

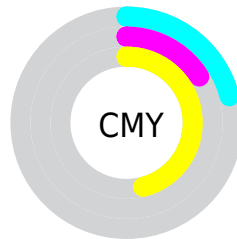


Cyan (5%)

Magenta (0%)

Yellow (35%)

Black (16%)



Cyan (21%)

Magenta (16%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13292938 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 13292938 by changing the saturation by 10% instead.



 13292938

 13292938

16777215

 11450736

 16777152

 9674327

 16777180

 7898174

 16777209

 6253350

 4608782

 3030016

 1451520

 4608

 0

■ 13292938

■ 13292938

■ 13096309

■ 13489567

■ 12899679

■ 13686197

■ 12703050

■ 13882826

■ 12506421

■ 14079455

■ 12244255

■ 14341620

■ 12047626

■ 14538239

■ 11982080

■ 14734847

■ 14931455

■ 15128063

# Harmonies

## Analogous

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



15714693



13292938



10542497

# Triad

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



13292938



5955327



16757720

# Complementary

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



13292938



9800405

# 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.



16104443



13292938



9426175

# Square

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



13292938



5235434



13158655



16757939

# Rectangle

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



13292938



8577464



13158655



16758244



# Sweetspot

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



13292938



16515043



13997194



8224879



0



8421504



# Same Dimension

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



13292938



15728532



10868106



6974304



9612032



2435840



# Inverse Universe

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



9800405



10786047



12225237



6447211



1638571

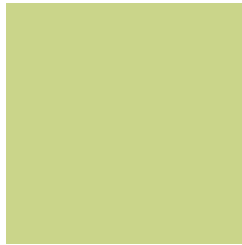


393259



# Previews

## White Background



This preview shows how the Decimal color 13292938 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 13292938 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

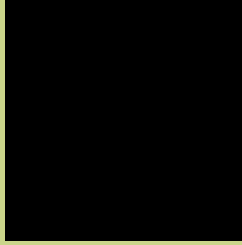
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13292938 Background



This preview shows how black text looks on a background with the Decimal color 13292938.




This preview shows how white text looks on a background with the Decimal color 13292938.

# 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](#).

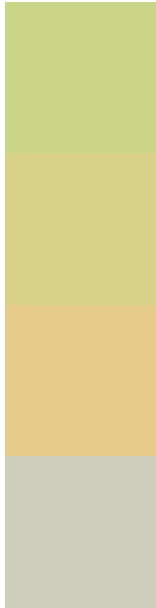
## Dichromacy





**Tritanopia**  
13945819

# Trichromacy



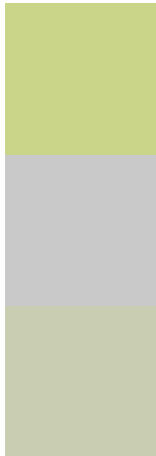
**Original Color**  
13292938

**Protanomaly**  
14209416

**Deuteranomaly**  
15125388

**Tritanomaly**  
13684670

# Monochromacy



**Original Color**  
13292938

**Achromatopsia**  
13224393

**Achromatomaly**  
13225394

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13292938 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 #CAD58A looks like.

```
.text, #text, p{  
    color:#CAD58A  
}
```

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 #CAD58A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAD58A
}
```

## Border

The CSS property to change the border of an element to Decimal 13292938 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
#CAD58A }
```

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

```
.border{ border-color:#CAD58A }
```

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

Here you see how a box with a 4 pixel #CAD58A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAD58A; -webkit-box-shadow:4px 4px  
4px 4px #CAD58A; box-shadow:4px 4px 4px  
4px #CAD58A }
```

# Background

The CSS property to change the background color of an element to Decimal 13292938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAD58A }
```

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

```
.background{ background-color:#CAD58A }
```

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