

Converting Colors

Decimal(12898436)

Have a look what the booklet for
Decimal(12898436) contains.

Decimal(12898436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12898436)

Conversions

Conversions Part 1

Format	Color
Hex	C4D084
RGB	196, 208, 132
RGB Percent	77%, 82%, 52%
CMY	0.2314, 0.1843, 0.4824
CMYK	0.06, 0.00, 0.37, 0.18
HSL	69°, 45%, 67%
HSV	69°, 37%, 82%
XYZ	49.4857, 58.5135, 30.5158
YIQ	195.7480, 17.2440, -26.1800

Conversions

Conversions Part 2

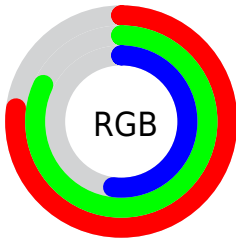
Format	Color
RYB	132, 208, 144
Decimal	12898436
CIELab	81.02, -15.97, 36.40
CIElCh	81, 39.746, 113.684
Yxy	58.5135, 0.3573, 0.4224
Android (android.graphics.Color)	4291088516 (0xFFC4D084)
YUV	195.7480, -31.4278, 0.2210
Hunter-Lab	76.4941, -18.3891, 29.8933

Details

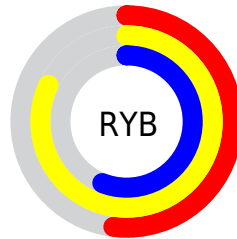
The Decimal color **12898436** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9471184**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **16646074**, and **9280081** is the 20% darker color. If you saturate the color by 10%, you get **12701807**, and if you desaturate by 10%, it is **13095065**.

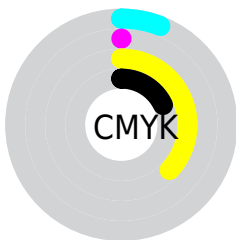
Distribution



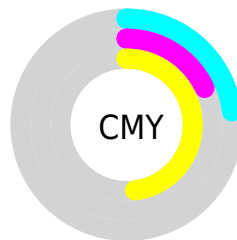
- Red (77%)
- Green (82%)
- Blue (52%)



- Red (52%)
- Yellow (82%)
- Blue (56%)



- Cyan (6%)
- Magenta (0%)
- Yellow (37%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12898436 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 12898436 by changing the saturation by 10% instead.

 12898436

 12898436

16777215

 11056234

 16646074

 9280081

 16777174


 7569465

 16777203

 5859105

 4214535

 2766848

 1122816

 1792

 0

■ 12898436

■ 12898436

■ 12701807

■ 13095065

■ 12439642

■ 13357230

■ 12243014

■ 13553858

■ 12046385

■ 13750487

■ 11849756

■ 13947116

■ 11587591

■ 14209279

■ 11522048

■ 14405887

■ 14602495

■ 14864639

Harmonies

Analogous

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



15320191



12898436



10082460

Triad

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



12898436



5232895



16756179

Complementary

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



12898436



9471184

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.



15840758



12898436



8966143

Square

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



12898436



4382182



12829439



16756397

Rectangle

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



12898436



8051891



12829439



16756703

Sweetspot

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



12898436



16515043



13668228



8224879



0



8421504

Same Dimension

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



12898436



15597455



10473604



6777182



9349120



2238720

Inverse Universe

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



9471184



10588159



11896016



6315625



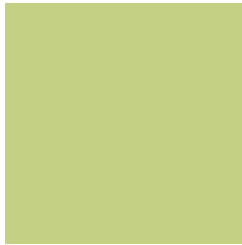
1769640



393257

Previews

White Background



This preview shows how the Decimal color 12898436 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 12898436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

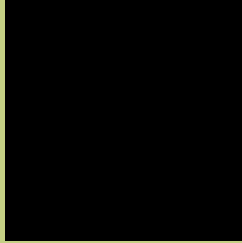
Any Text WCAG AA ✓ Pass

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 12898436 Background



This preview shows how black text looks on a background with the Decimal color 12898436.



This preview shows how white text looks on a background with the Decimal color 12898436.

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](#).

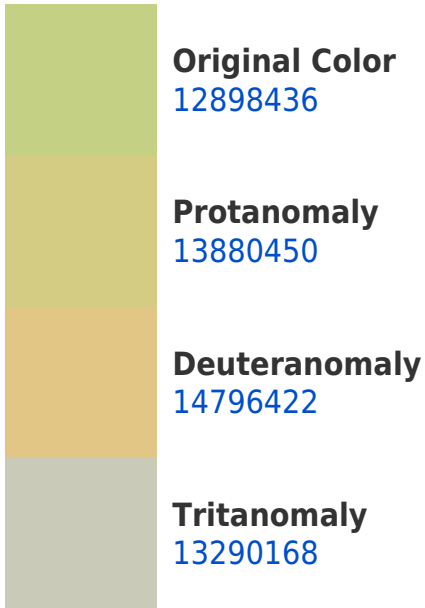
Dichromacy





Tritanopia
13551318

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 12898436 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 #C4D084 looks like.

```
.text, #text, p{  
    color:#C4D084  
}
```

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 #C4D084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4D084
}
```

Border

The CSS property to change the border of an element to Decimal 12898436 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
#C4D084 }
```

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

```
.border{ border-color:#C4D084 }
```

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

Here you see how a box with a 4 pixel #C4D084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4D084; -webkit-box-shadow:4px 4px  
4px 4px #C4D084; box-shadow:4px 4px 4px  
4px #C4D084 }
```

Background

The CSS property to change the background color of an element to Decimal 12898436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4D084 }
```

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

```
.background{ background-color:#C4D084 }
```

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