

# Converting Colors

Decimal(12891036)

Have a look what the booklet for  
Decimal(12891036) contains.

<b>Decimal(12891036)</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(12891036)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4B39C
RGB	196, 179, 156
RGB Percent	77%, 70%, 61%
CMY	0.2314, 0.2980, 0.3882
CMYK	0.00, 0.09, 0.20, 0.23
HSL	34°, 25%, 69%
HSV	34°, 20%, 77%
XYZ	44.8858, 46.3763, 38.0383
YIQ	181.4610, 17.5150, -3.5490

# Conversions

## Conversions Part 2

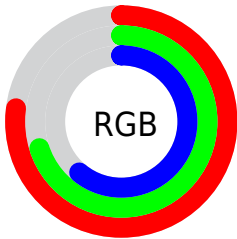
Format	Color
<a href="#">RYB</a>	<a href="#">186, 196, 156</a>
Decimal	<a href="#">12891036</a>
CIELab	<a href="#">73.79, 2.35, 13.95</a>
CIELCh	<a href="#">74, 14.146, 80.453</a>
Yxy	<a href="#">46.3763, 0.3471, 0.3587</a>
Android (android.graphics.Color)	<a href="#">4291081116</a> ( <a href="#">0xFFC4B39C</a> )
YUV	<a href="#">181.4610, -12.5523, 12.7507</a>
Hunter-Lab	<a href="#">68.1001, -1.5232, 14.5528</a>

# Details

The Decimal color **12891036** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **10268100**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16640979**, and **9338473** is the 20% darker color. If you saturate the color by 10%, you get **12888968**, and if you desaturate by 10%, it is **12893104**.

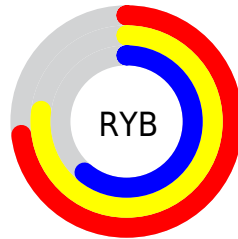
# Distribution



Red (77%)

Green (70%)

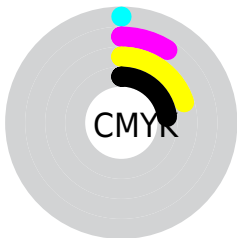
Blue (61%)



Red (73%)

Yellow (77%)

Blue (61%)

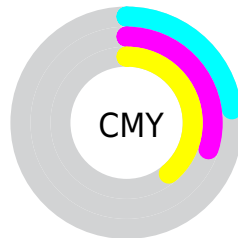


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (23%)



Cyan (23%)

Magenta (30%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12891036 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 12891036 by changing the saturation by 10% instead.



 12891036

 12891036

16777215

 11114626

 16640979

 9338473

 16777199

 7628113

 5983546

 4405028

 2892047

 1510144

 0

 12891036

 12891036

 12888968

 12893104

 12886645

 12895427

 12884577

 12897495

 12882510

 12899562

 12880186

 12901886

 12878118

 12903935

 12876051

 12905983

 12873984

 12908287

 12910335

# Harmonies

## Analogous

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



13545378



12891036



11974557

# Triad

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



12891036



9747902



12758982

# Complementary

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



12891036



10268100

# 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.



11776973



12891036



9944009

# Square

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



12891036



10206641



10664143



13479354

# Rectangle

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



12891036



11319969



10664143



12431817

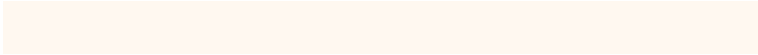


# Sweetspot

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



12891036



16775408



12885165



8420471



0



8421504



# Same Dimension

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



12891036



16770498



12698780



6380887



10574848



2167552



# Inverse Universe

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



10268100



12770559



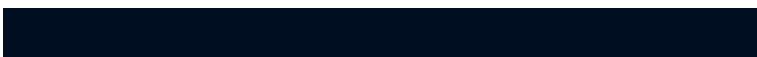
10460356



5725025



17569

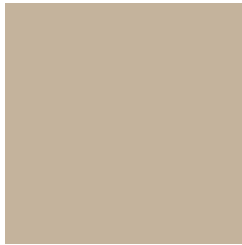


3617



# Previews

## White Background



This preview shows how the Decimal color 12891036 looks on a white background.

## Color Contrast Check

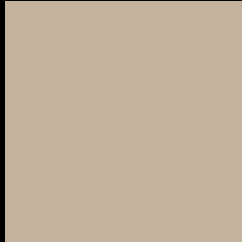
Large Text (above 18pt) WCAG AA × Fail

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 12891036 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

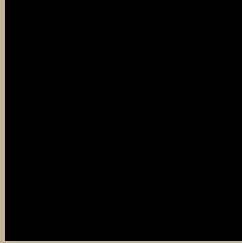
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

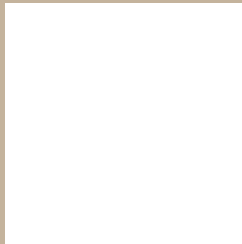
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12891036 Background



This preview shows how black text looks on a background with the Decimal color 12891036.



This preview shows how white text looks on a background with the Decimal color 12891036.

# 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



**Original Color**  
12891036

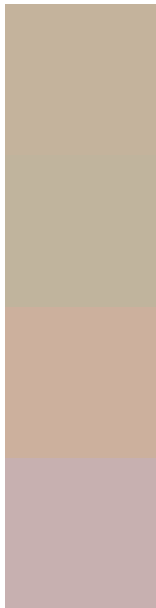
**Protanopia**  
12498333

**Deuteranopia**  
13676445



**Tritanopia**  
13151932

# Trichromacy



**Original Color**  
12891036

**Protanomaly**  
12629149

**Deuteranomaly**  
13414557

**Tritanomaly**  
13086896

# Monochromacy



**Original Color**  
12891036

**Achromatopsia**  
11908533

**Achromatomaly**  
12235948

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12891036 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 #C4B39C looks like.

```
.text, #text, p{  
    color:#C4B39C  
}
```

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 #C4B39C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4B39C
}
```

## Border

The CSS property to change the border of an element to Decimal 12891036 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
#C4B39C }
```

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

```
.border{ border-color:#C4B39C }
```

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

Here you see how a box with a 4 pixel #C4B39C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4B39C; -webkit-box-shadow:4px 4px  
4px 4px #C4B39C; box-shadow:4px 4px 4px  
4px #C4B39C }
```

# Background

The CSS property to change the background color of an element to Decimal 12891036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4B39C }
```

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

```
.background{ background-color:#C4B39C }
```

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