

# Converting Colors

Decimal(12889735)

Have a look what the booklet for  
Decimal(12889735) contains.

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# **Color**

**Decimal(12889735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4AE87
RGB	196, 174, 135
RGB Percent	77%, 68%, 53%
CMY	0.2314, 0.3176, 0.4706
CMYK	0.00, 0.11, 0.31, 0.23
HSL	38°, 34%, 65%
HSV	38°, 31%, 77%
XYZ	42.2742, 43.7571, 29.1396
YIQ	176.1320, 25.6310, -7.4650

# Conversions

## Conversions Part 2

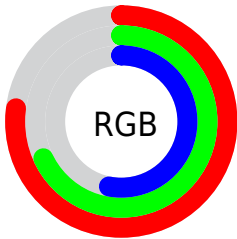
Format	Color
<a href="#">RYB</a>	<a href="#">169, 196, 135</a>
Decimal	<a href="#">12889735</a>
CIELab	<a href="#">72.07, 2.07, 22.95</a>
CIELCh	<a href="#">72, 23.045, 84.845</a>
Yxy	<a href="#">43.7571, 0.3671, 0.3799</a>
Android (android.graphics.Color)	<a href="#">4291079815 (0xFFC4AE87)</a>
YUV	<a href="#">176.1320, -20.2781, 17.4242</a>
Hunter-Lab	<a href="#">66.1492, -1.6865, 20.1864</a>

# Details

The Decimal color **12889735** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8887748**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16639420**, and **9271893** is the 20% darker color. If you saturate the color by 10%, you get **12887923**, and if you desaturate by 10%, it is **12891547**.

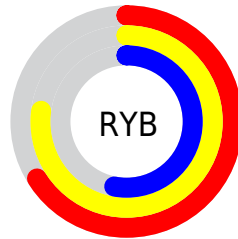
# Distribution



Red (77%)

Green (68%)

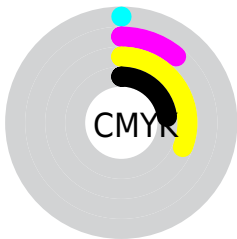
Blue (53%)



Red (66%)

Yellow (77%)

Blue (53%)

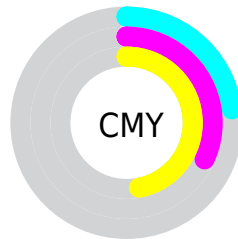


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12889735 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 12889735 by changing the saturation by 10% instead.



 12889735

 12889735

16777215

 11047790

 16639420

 9271893

 16777176

 7561533

 16777205

 5916967

 4272914

 2825728

 1050112

 0

 12889735

 12889735

12887923

12891547

12886112

12893358

12884300

12895170

12882489

12896981

12880677

12898793

12878865

12900605

12877056

12902399

12904447

12906239

# Harmonies

## Analogous

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



13936527



12889735



11449738

# Triad

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



12889735



7716034



13149897

# Complementary

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



12889735



8887748

# 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.



11513303



12889735



8174034

# Square

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



12889735



8436908



9680090



14197429

# Rectangle

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



12889735



10401938



9680090



12691663

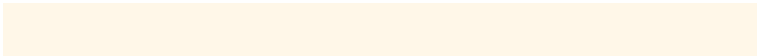


# Sweetspot

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



12889735



16775144



12879773



8419953



0



8421504



# Same Dimension

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



12889735



16768417



12371079



6380887



10577664



2168064



# Inverse Universe

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



8887748



10601471



9406404



5725025



15009



3105



# Previews

## White Background



This preview shows how the Decimal color 12889735 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 12889735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

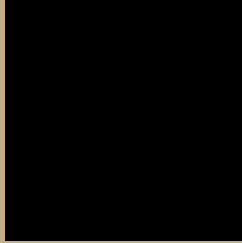
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

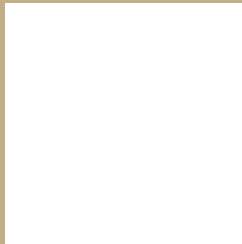
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12889735 Background



This preview shows how black text looks on a background with the Decimal color 12889735.

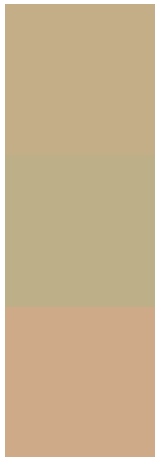


This preview shows how white text looks on a background with the Decimal color 12889735.

# 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**  
12889735

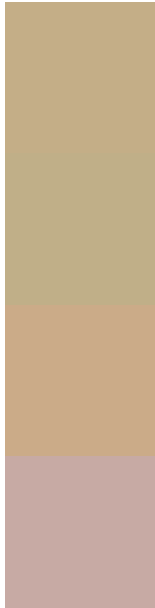
**Protanopia**  
12431496

**Deuteranopia**  
13609608



**Tritanopia**  
13215925

# Trichromacy



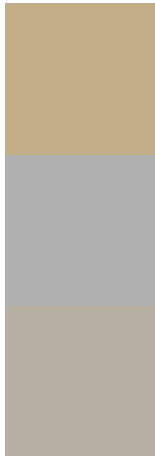
**Original Color**  
12889735

**Protanomaly**  
12627848

**Deuteranomaly**  
13347720

**Tritanomaly**  
13085348

# Monochromacy



**Original Color**  
12889735

**Achromatopsia**  
11579568

**Achromatomaly**  
12038049

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12889735 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 #C4AE87 looks like.

```
.text, #text, p{  
    color:#C4AE87  
}
```

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 #C4AE87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4AE87  
}
```

## Border

The CSS property to change the border of an element to Decimal 12889735 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  
#C4AE87 }
```

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

```
.border{ border-color:#C4AE87 }
```

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

Here you see how a box with a 4 pixel #C4AE87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4AE87; -webkit-box-shadow:4px 4px  
4px 4px #C4AE87; box-shadow:4px 4px 4px  
4px #C4AE87 }
```

# Background

The CSS property to change the background color of an element to Decimal 12889735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4AE87 }
```

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

```
.background{ background-color:#C4AE87 }
```

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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