

# Converting Colors

Decimal(12830374)

Have a look what the booklet for  
Decimal(12830374) contains.

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# **Color**

**Decimal(12830374)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3C6A6
RGB	195, 198, 166
RGB Percent	76%, 78%, 65%
CMY	0.2353, 0.2235, 0.3490
CMYK	0.02, 0.00, 0.16, 0.22
HSL	66°, 22%, 71%
HSV	66°, 16%, 78%
XYZ	49.5827, 54.7434, 44.0296
YIQ	193.4550, 8.4840, -10.5880

# Conversions

## Conversions Part 2

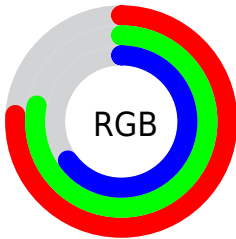
Format	Color
<a href="#">RYB</a>	<a href="#">166, 198, 169</a>
Decimal	<a href="#">12830374</a>
CIELab	<a href="#">78.89, -6.52, 15.71</a>
CIElCh	<a href="#">79, 17.012, 112.541</a>
Yxy	<a href="#">54.7434, 0.3342, 0.3690</a>
Android (android.graphics.Color)	<a href="#">4291020454</a> ( <a href="#">0xFFC3C6A6</a> )
YUV	<a href="#">193.4550, -13.5353, 1.3550</a>
Hunter-Lab	<a href="#">73.9888, -9.8608, 16.5096</a>

# Details

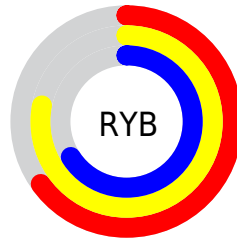
The Decimal color **12830374** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **11118278**, and the grayscale version is **12763842**.

A 20% lighter version of the original color is **16580573**, and **9277554** is the 20% darker color. If you saturate the color by 10%, you get **12699282**, and if you desaturate by 10%, it is **12961466**.

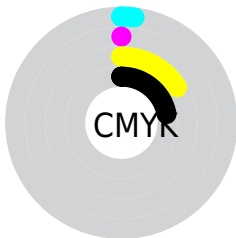
# Distribution



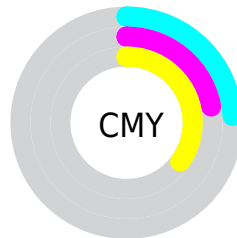
- Red (76%)
- Green (78%)
- Blue (65%)



- Red (65%)
- Yellow (78%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12830374 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 12830374 by changing the saturation by 10% instead.





12830374



12830374

16777215



11053964



16580573



9277554



16777210



7567193



5987906



4408876



2895895



1645312



0



12830374



12830374

12699282

12961466

12568190

13092558

12437099

13223649

12371543

13289205

12240451

13420287

12109359

13551359

11978267

13682431

11847176

13813503

11781632

13944575

# Harmonies

## Analogous

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



13943204



12830374



11651760

# Triad

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



12830374



10406620



14793160

# Complementary

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



12830374



11118278

# 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.



13941975



12830374



11388642

# Square

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



12830374



10144975



12698080



15055288

# Rectangle

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



12830374



10931385



12698080



14596557



# Sweetspot

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



12830374



16711666



13019558



8355960



0



8421504



# Same Dimension

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



12830374



16449487



11781798



6513498



9741056



2106368



# Inverse Universe

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



11118278



13881343



12166854



5921379



983203

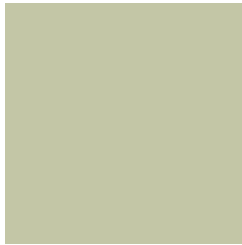


196644



# Previews

## White Background



This preview shows how the Decimal color 12830374 looks on a white background.

## Color Contrast Check

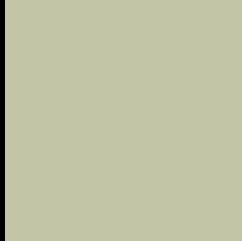
Large Text (above 18pt) WCAG AA × Fail

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 12830374 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

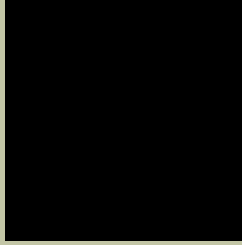
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

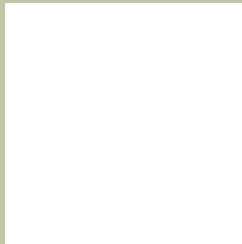
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12830374 Background



This preview shows how black text looks on a background with the Decimal color 12830374.



This preview shows how white text looks on a background with the Decimal color 12830374.

# 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](#).

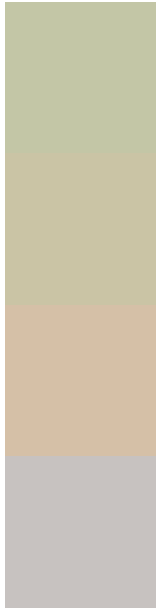
## Dichromacy





**Tritanopia**  
13222095

# Trichromacy



**Original Color**  
12830374

**Protanomaly**  
13288613

**Deuteranomaly**  
14008487

**Tritanomaly**  
13091520

# Monochromacy



**Original Color**  
12830374

**Achromatopsia**  
12698049

**Achromatomaly**  
12764087

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12830374 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 #C3C6A6 looks like.

```
.text, #text, p{  
    color:#C3C6A6  
}
```

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 #C3C6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C6A6
}
```

## Border

The CSS property to change the border of an element to Decimal 12830374 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
#C3C6A6 }
```

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

```
.border{ border-color:#C3C6A6 }
```

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

Here you see how a box with a 4 pixel #C3C6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C6A6; -webkit-box-shadow:4px 4px  
4px 4px #C3C6A6; box-shadow:4px 4px 4px  
4px #C3C6A6 }
```

# Background

The CSS property to change the background color of an element to Decimal 12830374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C6A6 }
```

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

```
.background{ background-color:#C3C6A6 }
```

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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