

# Converting Colors

Decimal(12832380)

Have a look what the booklet for  
Decimal(12832380) contains.

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# **Color**

**Decimal(12832380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3CE7C
RGB	195, 206, 124
RGB Percent	76%, 81%, 49%
CMY	0.2353, 0.1922, 0.5137
CMYK	0.05, 0.00, 0.40, 0.19
HSL	68°, 46%, 65%
HSV	68°, 40%, 81%
XYZ	48.2151, 57.2000, 27.5683
YIQ	193.3630, 19.7660, -27.8340

# Conversions

## Conversions Part 2

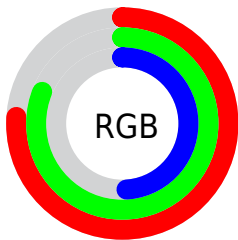
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">124, 206, 135</a>
Decimal	<a href="#">12832380</a>
CIELab	<a href="#">80.29, -16.29, 39.49</a>
CIElCh	<a href="#">80, 42.720, 112.409</a>
Yxy	<a href="#">57.2000, 0.3626, 0.4301</a>
Android (android.graphics.Color)	<a href="#">4291022460 (0xFFC3CE7C)</a>
YUV	<a href="#">193.3630, -34.1960, 1.4356</a>
Hunter-Lab	<a href="#">75.6306, -18.5586, 31.3295</a>

# Details

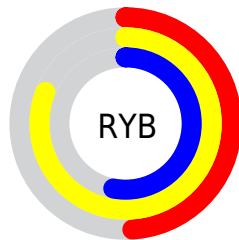
The Decimal color **12832380** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8879310**, and the grayscale version is **12763842**.

A 20% lighter version of the original color is **16646066**, and **9214025** is the 20% darker color. If you saturate the color by 10%, you get **12635751**, and if you desaturate by 10%, it is **13029009**.

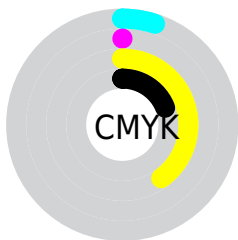
# Distribution



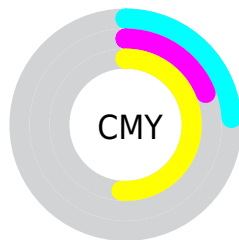
- Red (76%)
- Green (81%)
- Blue (49%)



- Red (49%)
- Yellow (81%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12832380 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 12832380 by changing the saturation by 10% instead.



 12832380

 12832380

16777215

 10990434

 16646066

 9214025

 16777166

 7503409

 16777194

 5793048

 4148480

 2569728

 925952

 512

 0

 12832380

 12832380

 12635751


 13029009

 12439123

 13225637

 12308030

 13356730

 12111402

 13553358

 11914773

 13749987

 11718144

 13946616

 14077695

 14274303

 14470911

# Harmonies

## Analogous

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



15450488



12832380



9820053

# Triad

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



12832380



3201279



16755155

# Complementary

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



12832380



8879310

# 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.



15774456



12832380



8113919

# Square

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



12832380



2153700



12435967



16755371

# Rectangle

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



12832380



7527342



12435967



16755680



# Sweetspot

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



12832380



16515040



13535100



8224878



0



8421504



# Same Dimension

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



12832380



15728517



10145404



6645340



9479680



2172416



# Inverse Universe

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



8879310



9799167



11566286



6118502



1441958



327718



# Previews

## White Background



This preview shows how the Decimal color 12832380 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 12832380 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

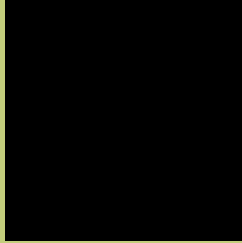
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12832380 Background



This preview shows how black text looks on a background with the Decimal color 12832380.




This preview shows how white text looks on a background with the Decimal color 12832380.

# 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](#).

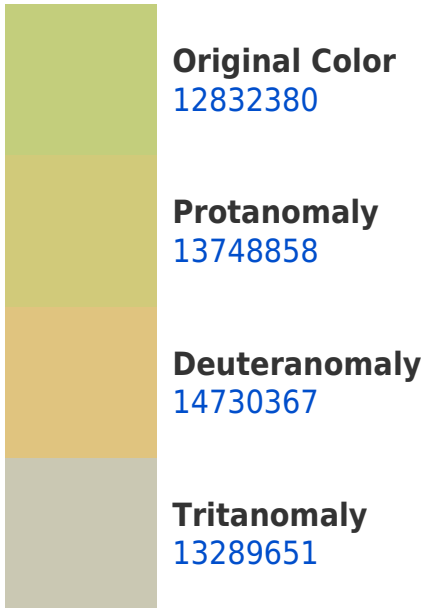
## Dichromacy





**Tritanopia**  
13550803

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12832380 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 #C3CE7C looks like.

```
.text, #text, p{  
    color:#C3CE7C  
}
```

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 #C3CE7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3CE7C
}
```

## Border

The CSS property to change the border of an element to Decimal 12832380 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
#C3CE7C }
```

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

```
.border{ border-color:#C3CE7C }
```

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

Here you see how a box with a 4 pixel #C3CE7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3CE7C; -webkit-box-shadow:4px 4px  
4px 4px #C3CE7C; box-shadow:4px 4px 4px  
4px #C3CE7C }
```

# Background

The CSS property to change the background color of an element to Decimal 12832380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3CE7C }
```

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

```
.background{ background-color:#C3CE7C }
```

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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