

# Converting Colors

Decimal(12761472)

Have a look what the booklet for  
Decimal(12761472) contains.

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# **Color**

**Decimal(12761472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2B980
RGB	194, 185, 128
RGB Percent	76%, 73%, 50%
CMY	0.2392, 0.2745, 0.4980
CMYK	0.00, 0.05, 0.34, 0.24
HSL	52°, 35%, 63%
HSV	52°, 34%, 76%
XYZ	43.4934, 47.7258, 27.3417
YIQ	181.1930, 23.6610, -15.8190

# Conversions

## Conversions Part 2

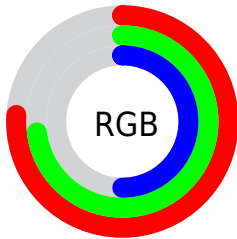
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 194, 128
Decimal	12761472
CIELab	74.65, -5.44, 30.12
CIELCh	75, 30.605, 100.240
Yxy	47.7258, 0.3668, 0.4025
Android (android.graphics.Color)	4290951552 (0xFFC2B980)
YUV	181.1930, -26.2241, 11.2317
Hunter-Lab	69.0838, -8.5178, 24.8931

# Details

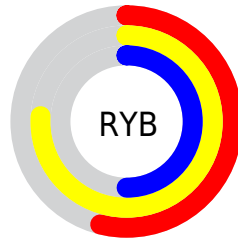
The Decimal color **12761472** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8423874**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16511413**, and **9143374** is the 20% darker color. If you saturate the color by 10%, you get **12760685**, and if you desaturate by 10%, it is **12762259**.

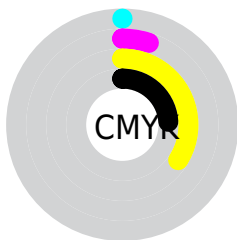
# Distribution



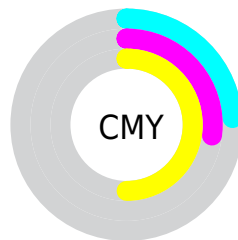
- Red (76%)
- Green (73%)
- Blue (50%)



- Red (54%)
- Yellow (76%)
- Blue (50%)



- Cyan (0%)
- Magenta (5%)
- Yellow (34%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12761472 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 12761472 by changing the saturation by 10% instead.



 12761472

 12761472

16777215

 10919527

 16511413

 9143374

 16777169

 7433014

 16777198

 5788447

 4144136

 2696704

 791040

 0

 12761472

 12761472

12760685

12762259

12760153

12762791

12759366

12763578

12758578

12764366

12758047

12764897

12757260

12765684

12756992

12766463

12766975

12767743

# Harmonies

## Analogous

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



14463107



12761472



10731916

# Triad

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



12761472



6342107



14919115

# Complementary

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



12761472



8423874

# 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.



13151715



12761472



7979244

# Square

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



12761472



6801345



10663919



15770543

# Rectangle

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



12761472



9291163



10663919



14460884



# Sweetspot

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



12761472



16579043



12746890



8420720



0



8421504



# Same Dimension

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



12761472



16576149



11256448



6381655



10586880



2170112



# Inverse Universe

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



8423874



9806844



9928898



5724513



5793

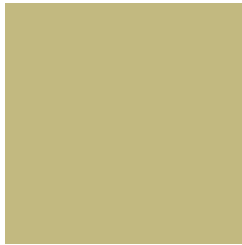


1313



# Previews

## White Background



This preview shows how the Decimal color 12761472 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 12761472 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

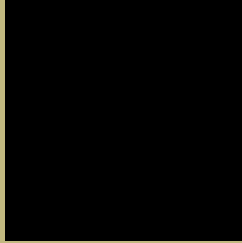
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12761472 Background



This preview shows how black text looks on a background with the Decimal color 12761472.



This preview shows how white text looks on a background with the Decimal color 12761472.

# 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**  
12761472

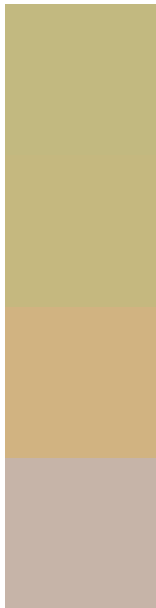
**Protanopia**  
13023359

**Deuteranopia**  
14332034



**Tritanopia**  
13218239

# Trichromacy



**Original Color**  
12761472

**Protanomaly**  
12957823

**Deuteranomaly**  
13742977

**Tritanomaly**  
13022376

# Monochromacy



**Original Color**  
12761472

**Achromatopsia**  
11908533

**Achromatomaly**  
12236450

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12761472 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 #C2B980 looks like.

```
.text, #text, p{  
    color:#C2B980  
}
```

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 #C2B980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2B980
}
```

## Border

The CSS property to change the border of an element to Decimal 12761472 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
#C2B980 }
```

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

```
.border{ border-color:#C2B980 }
```

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

Here you see how a box with a 4 pixel #C2B980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2B980; -webkit-box-shadow:4px 4px  
4px 4px #C2B980; box-shadow:4px 4px 4px  
4px #C2B980 }
```

# Background

The CSS property to change the background color of an element to Decimal 12761472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2B980 }
```

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

```
.background{ background-color:#C2B980 }
```

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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