

# Converting Colors

Decimal(12826026)

Have a look what the booklet for  
Decimal(12826026) contains.

<b>Decimal(12826026)</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(12826026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3B5AA
RGB	195, 181, 170
RGB Percent	76%, 71%, 67%
CMY	0.2353, 0.2902, 0.3333
CMYK	0.00, 0.07, 0.13, 0.24
HSL	26°, 17%, 72%
HSV	26°, 13%, 76%
XYZ	46.2852, 47.5521, 44.7692
YIQ	183.9320, 11.8750, -0.4530

# Conversions

## Conversions Part 2

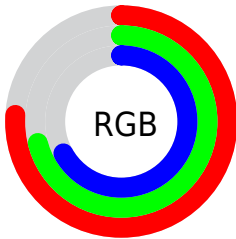
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 190, 170
Decimal	12826026
CIELab	74.54, 3.11, 7.39
CIELCh	75, 8.013, 67.180
Yxy	47.5521, 0.3339, 0.3431
Android (android.graphics.Color)	4291016106 (0xFFC3B5AA)
YUV	183.9320, -6.8685, 9.7066
Hunter-Lab	68.9581, -0.8658, 9.7782

# Details

The Decimal color **12826026** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **11188419**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16575969**, and **9273462** is the 20% darker color. If you saturate the color by 10%, you get **12823191**, and if you desaturate by 10%, it is **12828861**.

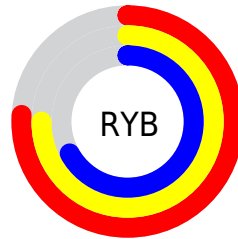
# Distribution



Red (76%)

Green (71%)

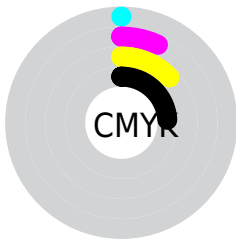
Blue (67%)



Red (76%)

Yellow (75%)

Blue (67%)

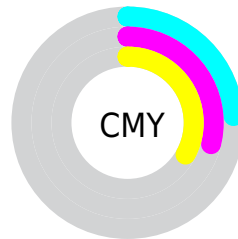


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12826026 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 12826026 by changing the saturation by 10% instead.



 12826026

 12826026

16777215

 11049616

 16575969

 9273462

16777214

 7628637

 5984070

 4405295

 2958107

 1707264

 0

 12826026

 12826026

 12823191

 12828861

 12820355

 12831697

 12817519

 12834533

 12814684

 12837368

 12811849

 12840191

 12809013

 12843007

 12806434

 12845055

 12803598

 12801536

# Harmonies

## Analogous

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



13087663



12826026



12367785

# Triad

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



12826026



10927289



12301763

# Complementary

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



12826026



11188419

# 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.



11712454



12826026



10927040

# Square

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



12826026



11254705



11188933



12825533

# Rectangle

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



12826026



11975082



11188933



12105412

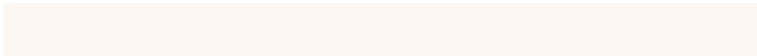


# Sweetspot

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



12826026



16578546



12823224



8420473



0



8421504

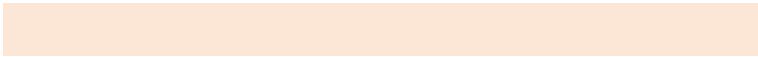


# Same Dimension

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



12826026



16574423



12829098



6380375



10569472



2166528

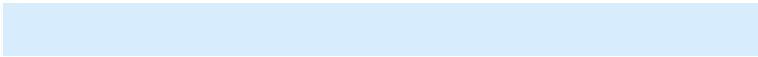


# Inverse Universe

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



11188419



14150908



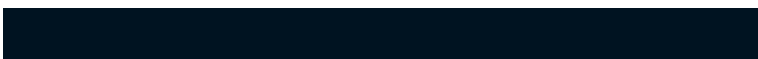
11185347



5725537



23201



4897



# Previews

## White Background



This preview shows how the Decimal color 12826026 looks on a white background.

## Color Contrast Check

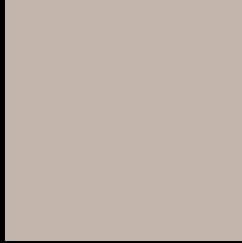
Large Text (above 18pt) WCAG AA × Fail

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 12826026 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

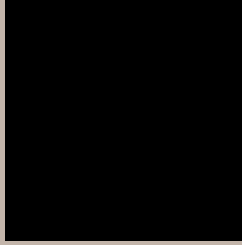
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12826026 Background



This preview shows how black text looks on a background with the Decimal color 12826026.

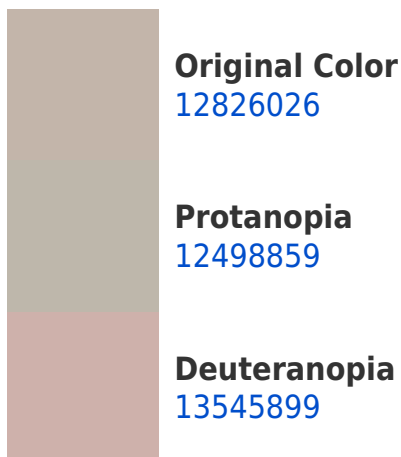


This preview shows how white text looks on a background with the Decimal color 12826026.

# 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**  
13021888

# Trichromacy



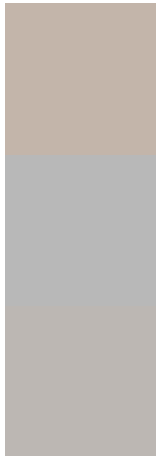
**Original Color**  
12826026

**Protanomaly**  
12629675

**Deuteranomaly**  
13284011

**Tritanomaly**  
12956600

# Monochromacy



**Original Color**  
12826026

**Achromatopsia**  
12105912

**Achromatomaly**  
12367795

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12826026 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 #C3B5AA looks like.

```
.text, #text, p{  
  color:#C3B5AA  
}
```

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 #C3B5AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B5AA
}
```

## Border

The CSS property to change the border of an element to Decimal 12826026 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
#C3B5AA }
```

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

```
.border{ border-color:#C3B5AA }
```

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

Here you see how a box with a 4 pixel #C3B5AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B5AA; -webkit-box-shadow:4px 4px  
4px 4px #C3B5AA; box-shadow:4px 4px 4px  
4px #C3B5AA }
```

# Background

The CSS property to change the background color of an element to Decimal 12826026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B5AA }
```

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

```
.background{ background-color:#C3B5AA }
```

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