

# Converting Colors

Decimal(12827846)

Have a look what the booklet for  
Decimal(12827846) contains.

<b>Decimal(12827846)</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(12827846)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3BCC6
RGB	195, 188, 198
RGB Percent	76%, 74%, 78%
CMY	0.2353, 0.2627, 0.2235
CMYK	0.02, 0.05, 0.00, 0.22
HSL	282°, 8%, 76%
HSV	282°, 5%, 78%
XYZ	50.6819, 51.6458, 60.7235
YIQ	191.2330, 0.9620, 4.5940

# Conversions

## Conversions Part 2

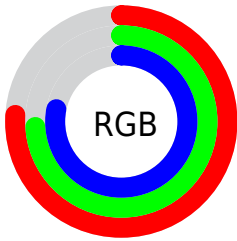
Format	Color
R <sub>Y</sub> B	195, 188, 198
Decimal	12827846
CIE Lab	77.07, 4.30, -4.16
CIE LCh	77, 5.982, 315.912
Yxy	51.6458, 0.3108, 0.3167
Android (android.graphics.Color)	4291017926 (0xFFC3BCC6)
YUV	191.2330, 3.3361, 3.3037
Hunter-Lab	71.8650, 0.1213, 0.2074

# Details

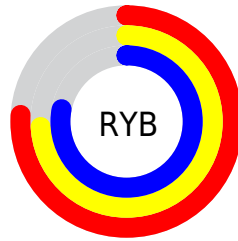
The Decimal color **12827846** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **12568252**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16577791**, and **9275280** is the 20% darker color. If you saturate the color by 10%, you get **12429510**, and if you desaturate by 10%, it is **13226182**.

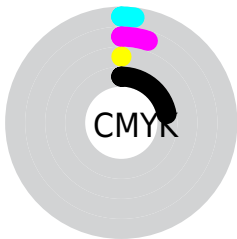
# Distribution



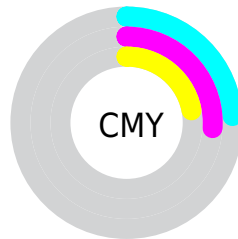
- Red (76%)
- Green (74%)
- Blue (78%)



- Red (76%)
- Yellow (74%)
- Blue (78%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (26%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12827846 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 12827846 by changing the saturation by 10% instead.



■ 12827846

■ 12827846

16777215

■ 11051435

■ 16577791

■ 9275280

■ 7630455

■ 5985630

■ 4472390

■ 3024944

■ 1643547

■ 0

■ 12827846

■ 12827846

12429510

13226182

12031174

13624518

11633094

14022598

11234758

14417862

10836422

14811078

10438086

15204294

10039750

15597510

9641670

15990726

9308870

16318406

# Harmonies

## Analogous

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



12369609



12827846



13155265

# Triad

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



12827846



13024692



11649729

# Complementary

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



12827846



12568252

# 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.



11846075



12827846



12631988

# Square

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



12827846



13286327



12173494



11715014

# Rectangle

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



12827846



13286333



12173494



11715263



# Sweetspot

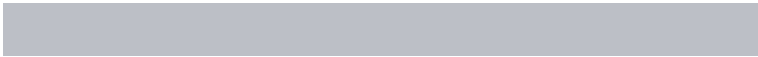
The Sweet Spot groups the original color and five complimentary colors.



12827846



16644863



12369862



8355200



0



8421504



# Same Dimension

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



12827846



16445695



13024452



6380643



7471267



1638436



# Inverse Universe

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



13024447



16773364



12371646



6511711



10682417

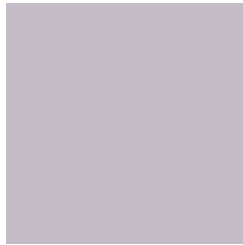


2359307



# Previews

## White Background



This preview shows how the Decimal color 12827846 looks on a white background.

## Color Contrast Check

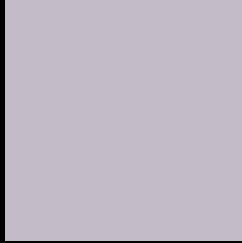
Large Text (above 18pt) WCAG AA × Fail

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 12827846 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

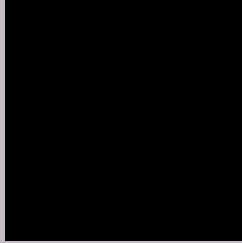
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

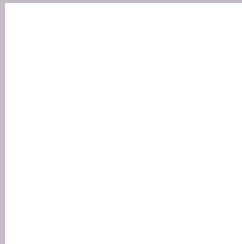
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12827846 Background



This preview shows how black text looks on a background with the Decimal color 12827846.

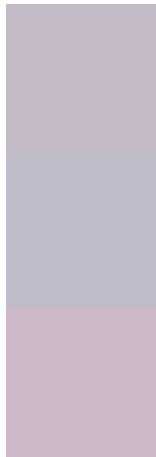


This preview shows how white text looks on a background with the Decimal color 12827846.

# 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**  
12827846

**Protanopia**  
12565959

**Deuteranopia**  
13482439



**Tritanopia**  
12893130

# Trichromacy



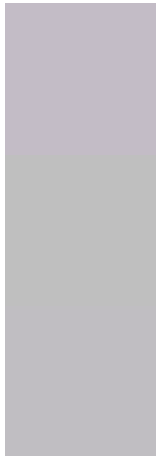
**Original Color**  
12827846

**Protanomaly**  
12631495

**Deuteranomaly**  
13220551

**Tritanomaly**  
12893129

# Monochromacy



**Original Color**  
12827846

**Achromatopsia**  
12566463

**Achromatomaly**  
12631746

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12827846 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 #C3BCC6 looks like.

```
.text, #text, p{  
    color:#C3BCC6  
}
```

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 #C3BCC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3BCC6
}
```

## Border

The CSS property to change the border of an element to Decimal 12827846 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
#C3BCC6 }
```

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

```
.border{ border-color:#C3BCC6 }
```

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

Here you see how a box with a 4 pixel #C3BCC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3BCC6; -webkit-box-shadow:4px 4px  
4px 4px #C3BCC6; box-shadow:4px 4px 4px  
4px #C3BCC6 }
```

# Background

The CSS property to change the background color of an element to Decimal 12827846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3BCC6 }
```

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

```
.background{ background-color:#C3BCC6 }
```

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