

# Converting Colors

Decimal(12896452)

Have a look what the booklet for  
Decimal(12896452) contains.

<b>Decimal(12896452)</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(12896452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4C8C4
RGB	196, 200, 196
RGB Percent	77%, 78%, 77%
CMY	0.2314, 0.2157, 0.2314
CMYK	0.02, 0.00, 0.02, 0.22
HSL	120°, 4%, 78%
HSV	120°, 2%, 78%
XYZ	53.3830, 57.0298, 60.4188
YIQ	198.3480, -1.1000, -2.0920

# Conversions

## Conversions Part 2

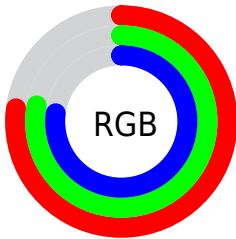
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 200, 200
Decimal	12896452
CIELab	80.20, -2.11, 1.51
CIElCh	80, 2.590, 144.431
Yxy	57.0298, 0.3125, 0.3338
Android (android.graphics.Color)	4291086532 (0xFFC4C8C4)
YUV	198.3480, -1.1576, -2.0592
Hunter-Lab	75.5181, -5.9767, 5.4273

# Details

The Decimal color **12896452** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **13157576**, and the grayscale version is **13027014**.

A 20% lighter version of the original color is **16646141**, and **9343630** is the 20% darker color. If you saturate the color by 10%, you get **11585712**, and if you desaturate by 10%, it is **14207192**.

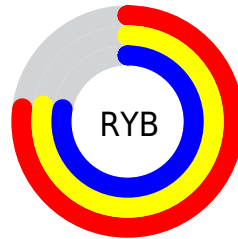
# Distribution



Red (77%)

Green (78%)

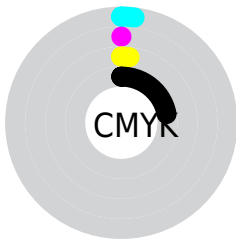
Blue (77%)



Red (77%)

Yellow (78%)

Blue (78%)

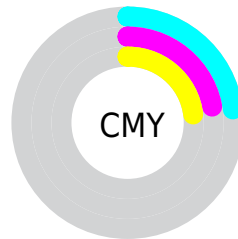


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (22%)



Cyan (23%)

Magenta (22%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12896452 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 12896452 by changing the saturation by 10% instead.



■ 12896452

■ 12896452

16777215

■ 11120041

■ 16646141

■ 9343630

■ 7698549

■ 6053980

■ 4540485

■ 3027502

■ 1711386

■ 256

■ 0

 12896452

 12896452

 11585712

 14207192

 10274972

 15517932

 8964232

 16763135

 7653492

 6342752

 5032012

 3721272

 2410532

 1099792

# Harmonies

## Analogous

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



13092802



12896452



12765382

# Triad

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



12896452



12896204



13419973

# Complementary

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



12896452



13157576

# 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.



13419975



12896452



13092555

# Square

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



12896452



12765387



13289162



13420227

# Rectangle

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



12896452



12699848



13289162



13419974



# Sweetspot

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



12896452



16580604



13158596



8290430



0



8421504



# Same Dimension

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



12896452



16449530



12896454



6382433



41728



9216



# Inverse Universe

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



13157576



16775935



13157574



6512995



10682531

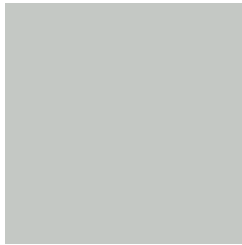


2359332



# Previews

## White Background



This preview shows how the Decimal color 12896452 looks on a white background.

## Color Contrast Check

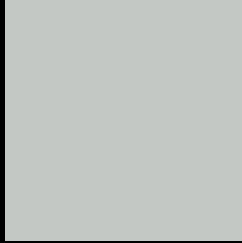
Large Text (above 18pt) WCAG AA × Fail

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 12896452 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

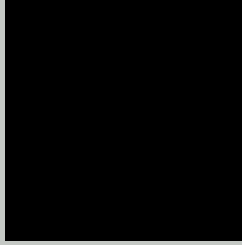
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

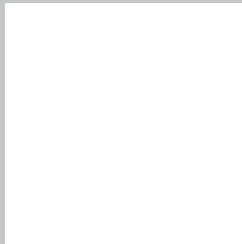
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12896452 Background



This preview shows how black text looks on a background with the Decimal color 12896452.



This preview shows how white text looks on a background with the Decimal color 12896452.

# 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**  
13092309

# Trichromacy



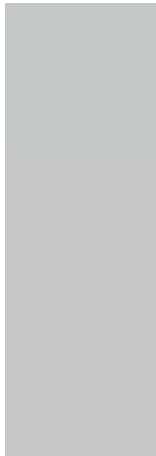
**Original Color**  
12896452

**Protanomaly**  
13158339

**Deuteranomaly**  
13812677

**Tritanomaly**  
13027023

# Monochromacy



**Original Color**  
12896452

**Achromatopsia**  
13027014

**Achromatomaly**  
12961733

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12896452 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 #C4C8C4 looks like.

```
.text, #text, p{  
  color:#C4C8C4  
}
```

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 #C4C8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4C8C4
}
```

## Border

The CSS property to change the border of an element to Decimal 12896452 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
#C4C8C4 }
```

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

```
.border{ border-color:#C4C8C4 }
```

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

Here you see how a box with a 4 pixel #C4C8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4C8C4; -webkit-box-shadow:4px 4px  
4px 4px #C4C8C4; box-shadow:4px 4px 4px  
4px #C4C8C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 12896452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4C8C4 }
```

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

```
.background{ background-color:#C4C8C4 }
```

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