

# Converting Colors

Decimal(13088196)

Have a look what the booklet for  
Decimal(13088196) contains.

<b>Decimal(13088196)</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(13088196)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7B5C4
RGB	199, 181, 196
RGB Percent	78%, 71%, 77%
CMY	0.2196, 0.2902, 0.2314
CMYK	0.00, 0.09, 0.02, 0.22
HSL	310°, 14%, 75%
HSV	310°, 9%, 78%
XYZ	50.0409, 49.1754, 59.0789
YIQ	188.0920, 5.9130, 8.4810

# Conversions

## Conversions Part 2

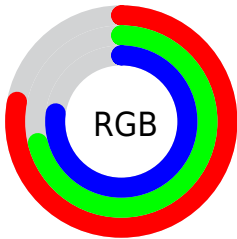
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	199, 181, 196
Decimal	13088196
CIE Lab	75.56, 9.08, -5.26
CIE LCh	76, 10.495, 329.907
Yxy	49.1754, 0.3161, 0.3107
Android (android.graphics.Color)	4291278276 (0xFFC7B5C4)
YUV	188.0920, 3.8986, 9.5663
Hunter-Lab	70.1252, 4.6574, -0.8629

# Details

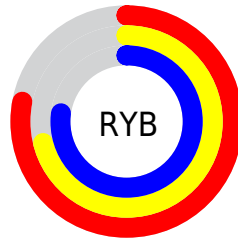
The Decimal color **13088196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **11913144**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **16772605**, and **9535630** is the 20% darker color. If you saturate the color by 10%, you get **13083073**, and if you desaturate by 10%, it is **13093319**.

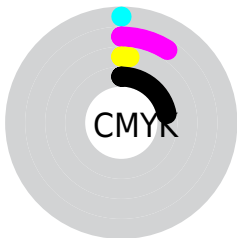
# Distribution



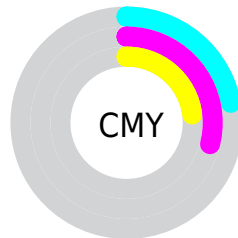
- Red (78%)
- Green (71%)
- Blue (77%)



- Red (78%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13088196 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 13088196 by changing the saturation by 10% instead.



■ 13088196

■ 13088196

16777215

■ 11311785

■ 16772605

■ 9535630

■ 7825269

■ 6246236

■ 4667461

■ 3154734

■ 1838362

■ 0

■ 13088196

■ 13088196

 13083073

 13093319

 13077949

 13098443

 13072826

 13103566

 13067703

 13107153

 13062835

 13107157

 13057712

 13107160

 13052589

 13107163

 13047465

 13107167

 13042342

 13107170

# Harmonies

## Analogous

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



12368075



13088196



13546683

# Triad

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



13088196



12761511



10666179

# Complementary

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



13088196



11913144

# 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.



10862778



13088196



12041641

# Square

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



13088196



13350570



11386800



10927819

# Rectangle

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



13088196



13612212



11386800



10666176



# Sweetspot

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



13088196



16775166



12105159



8419967



0



8421504



# Same Dimension

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



13088196



16770042



13088187



6511202



10682504



2359326



# Inverse Universe

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



13088196



16770042



11913153



6511202



10682504



2359326



# Previews

## White Background



This preview shows how the Decimal color 13088196 looks on a white background.

## Color Contrast Check

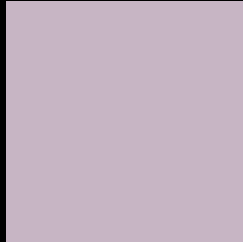
Large Text (above 18pt) WCAG AA × Fail

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 13088196 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

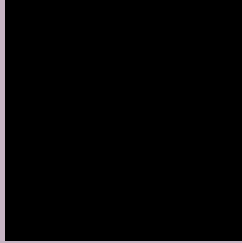
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13088196 Background



This preview shows how black text looks on a background with the Decimal color 13088196.



This preview shows how white text looks on a background with the Decimal color 13088196.

# 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**  
13088196

**Protanopia**  
12237254

**Deuteranopia**  
13153732



**Tritanopia**  
13088195

# Trichromacy



**Original Color**  
13088196

**Protanomaly**  
12564677

**Deuteranomaly**  
13153732

**Tritanomaly**  
13088195

# Monochromacy



**Original Color**  
13088196

**Achromatopsia**  
12369084

**Achromatomaly**  
12630463

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13088196 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 #C7B5C4 looks like.

```
.text, #text, p{  
  color:#C7B5C4  
}
```

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 #C7B5C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B5C4
}
```

## Border

The CSS property to change the border of an element to Decimal 13088196 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
#C7B5C4 }
```

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

```
.border{ border-color:#C7B5C4 }
```

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

Here you see how a box with a 4 pixel #C7B5C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B5C4; -webkit-box-shadow:4px 4px  
4px 4px #C7B5C4; box-shadow:4px 4px 4px  
4px #C7B5C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 13088196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B5C4 }
```

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

```
.background{ background-color:#C7B5C4 }
```

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