

# Converting Colors

Decimal(13089731)

Have a look what the booklet for  
Decimal(13089731) contains.

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# **Color**

**Decimal(13089731)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7BBC3
RGB	199, 187, 195
RGB Percent	78%, 73%, 76%
CMY	0.2196, 0.2667, 0.2353
CMYK	0.00, 0.06, 0.02, 0.22
HSL	320°, 10%, 76%
HSV	320°, 6%, 78%
XYZ	51.1738, 51.6229, 58.8968
YIQ	191.5000, 4.5840, 5.0320

# Conversions

## Conversions Part 2

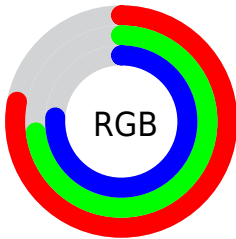
Format	Color
R <sub>Y</sub> B	199, 187, 195
Decimal	13089731
CIE Lab	77.05, 5.66, -2.52
CIE LCh	77, 6.198, 336.029
Yxy	51.6229, 0.3165, 0.3193
Android (android.graphics.Color)	4291279811 (0xFFC7BBC3)
YUV	191.5000, 1.7255, 6.5775
Hunter-Lab	71.8491, 1.3991, 1.6926

# Details

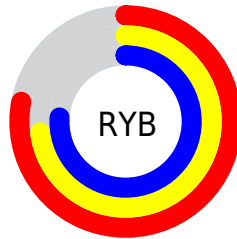
The Decimal color **13089731** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **12306367**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16774140**, and **9537165** is the 20% darker color. If you saturate the color by 10%, you get **13084604**, and if you desaturate by 10%, it is **13094858**.

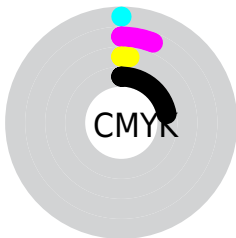
# Distribution



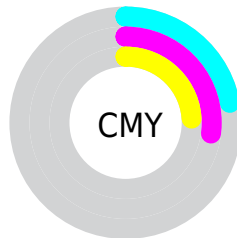
- Red (78%)
- Green (73%)
- Blue (76%)



- Red (78%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (27%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13089731 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 13089731 by changing the saturation by 10% instead.



■ 13089731

■ 13089731

16777215

■ 11313320

■ 16774140

■ 9537165

■ 7826804

■ 6247515

■ 4668740

■ 3221294

■ 1839897

■ 0

■ 13089731

■ 13089731

13084604

13094858

13079478

13099984

13074351

13105111

13069224

13107166

13064354

13107172

13059227

13107179

13054101

13107185

13048974

13107192

13043847

13107199

# Harmonies

## Analogous

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



12696775



13089731



13351613

# Triad

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



13089731



12762803



11649477

# Complementary

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



13089731



12306367

# 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.



11649727



13089731



12304565

# Square

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



13089731



13155508



11911609



11845832

# Rectangle

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



13089731



13351865



11911609



11584195



# Sweetspot

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



13089731



16775933



12565447



8420735



0



8421504



# Same Dimension

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



13089731



16772601



13089725



6511457



10682477



2359320



# Inverse Universe

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



13089731



16772601



12306373



6511457



10682477

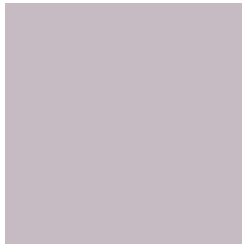


2359320



# Previews

## White Background



This preview shows how the Decimal color 13089731 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 13089731 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

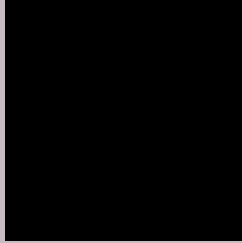
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

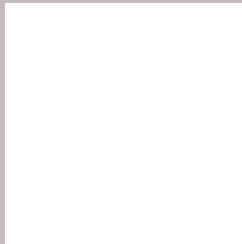
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13089731 Background



This preview shows how black text looks on a background with the Decimal color 13089731.



This preview shows how white text looks on a background with the Decimal color 13089731.

# 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**  
13089731

**Protanopia**  
12631492

**Deuteranopia**  
13547716



**Tritanopia**  
13155017

# Trichromacy



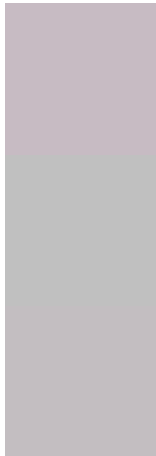
**Original Color**  
13089731

**Protanomaly**  
12827844

**Deuteranomaly**  
13351364

**Tritanomaly**  
13155015

# Monochromacy



**Original Color**  
13089731

**Achromatopsia**  
12632256

**Achromatomaly**  
12828353

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13089731 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 #C7BBC3 looks like.

```
.text, #text, p{  
    color:#C7BBC3  
}
```

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 #C7BBC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7BBC3  
}
```

## Border

The CSS property to change the border of an element to Decimal 13089731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

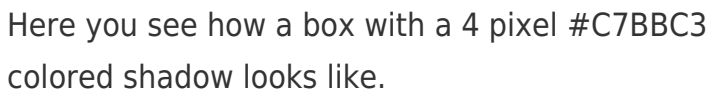
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C7BBC3 }
```

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

```
.border{ border-color:#C7BBC3 }
```

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



Here you see how a box with a 4 pixel #C7BBC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7BBC3; -webkit-box-shadow:4px 4px  
4px 4px #C7BBC3; box-shadow:4px 4px 4px  
4px #C7BBC3 }
```

# Background

The CSS property to change the background color of an element to Decimal 13089731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7BBC3 }
```

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

```
.background{ background-color:#C7BBC3 }
```

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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