

# Converting Colors

Decimal(13088490)

Have a look what the booklet for  
Decimal(13088490) contains.

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# **Color**

**Decimal(13088490)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7B6EA
RGB	199, 182, 234
RGB Percent	78%, 71%, 92%
CMY	0.2196, 0.2863, 0.0824
CMYK	0.15, 0.22, 0.00, 0.08
HSL	260°, 55%, 82%
HSV	260°, 22%, 92%
XYZ	55.1324, 51.5385, 84.8840
YIQ	193.0110, -6.5600, 19.7760

# Conversions

## Conversions Part 2

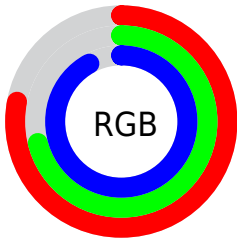
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	199, 182, 234
Decimal	13088490
CIE Lab	77.00, 16.11, -23.72
CIE LCh	77, 28.673, 304.186
Yxy	51.5385, 0.2878, 0.2691
Android (android.graphics.Color)	4291278570 (0xFFC7B6EA)
YUV	193.0110, 20.2076, 5.2524
Hunter-Lab	71.7903, 11.4485, -19.8506

# Details

The Decimal color **13088490** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14281398**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **16772863**, and **9535922** is the 20% darker color. If you saturate the color by 10%, you get **12034026**, and if you desaturate by 10%, it is **14142954**.

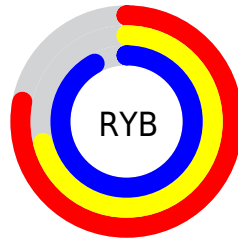
# Distribution



Red (78%)

Green (71%)

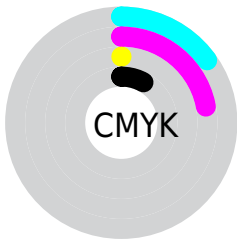
Blue (92%)



Red (78%)

Yellow (71%)

Blue (92%)

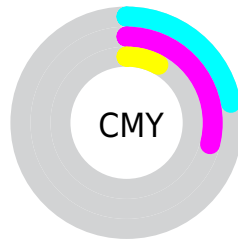


Cyan (15%)

Magenta (22%)

Yellow (0%)

Black (8%)



Cyan (22%)

Magenta (29%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13088490 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 13088490 by changing the saturation by 10% instead.



 13088490

 13088490

16777215

 11246542

 16772863

 9535922

 7825559

 6115453

 4536676

 3023692

 1511221

 32

 3


 13088490

 13088490

 12034026

 14142954

 10979306

 15197674

 9990378

 16186602

 8935658

 16777194

 7881194

 6826730

 5837546

 4980970

# Harmonies

## Analogous

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



10665971



13088490



14921430

# Triad

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



13088490



15054223



7916993

# Complementary

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



13088490



14281398

# 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.



9620390



13088490



13549193

# Square

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



13088490



15904162



11650450



7261403

# Rectangle

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



13088490



15707076



11650450



8441272



# Sweetspot

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



13088490



15986175



11983594



7959936



0



8421504



# Same Dimension

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



13088490



13744895



14726890



7170677



3866805



1179702



# Inverse Universe

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



15382233



16759528



12642998



7694961



11862138

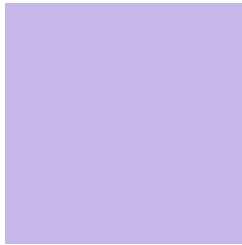


3538980



# Previews

## White Background



This preview shows how the Decimal color 13088490 looks on a white background.

## Color Contrast Check

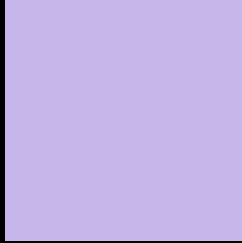
Large Text (above 18pt) WCAG AA × Fail

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 13088490 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

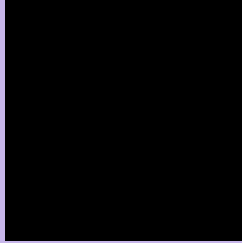
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13088490 Background



This preview shows how black text looks on a background with the Decimal color 13088490.




This preview shows how white text looks on a background with the Decimal color 13088490.

# 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**  
12762314

# Trichromacy



**Original Color**  
13088490

**Protanomaly**  
12237549

**Deuteranomaly**  
12564969

**Tritanomaly**  
12892886

# Monochromacy



**Original Color**  
13088490

**Achromatopsia**  
12698049

**Achromatomaly**  
12828112

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13088490 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 #C7B6EA looks like.

```
.text, #text, p{  
    color:#C7B6EA  
}
```

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 #C7B6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B6EA
}
```

## Border

The CSS property to change the border of an element to Decimal 13088490 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
#C7B6EA }
```

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

```
.border{ border-color:#C7B6EA }
```

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

Here you see how a box with a 4 pixel #C7B6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B6EA; -webkit-box-shadow:4px 4px  
4px 4px #C7B6EA; box-shadow:4px 4px 4px  
4px #C7B6EA }
```

# Background

The CSS property to change the background color of an element to Decimal 13088490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B6EA }
```

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

```
.background{ background-color:#C7B6EA }
```

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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