

# Converting Colors

Decimal(13089535)

Have a look what the booklet for  
Decimal(13089535) contains.

<b>Decimal(13089535)</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(13089535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7BAFF
RGB	199, 186, 255
RGB Percent	78%, 73%, 100%
CMY	0.2196, 0.2706, 0.0000
CMYK	0.22, 0.27, 0.00, 0.00
HSL	251°, 100%, 86%
HSV	251°, 27%, 100%
XYZ	59.1621, 54.4799, 102.0052
YIQ	197.7530, -14.4010, 24.2150

# Conversions

## Conversions Part 2

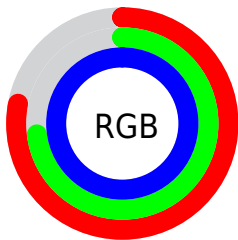
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 186, 255
Decimal	13089535
CIE <sub>Lab</sub>	78.74, 18.55, -32.35
CIE <sub>LCh</sub>	79, 37.290, 299.826
Yxy	54.4799, 0.2743, 0.2526
Android (android.graphics.Color)	4291279615 (0xFFC7BAFF)
YUV	197.7530, 28.2228, 1.0936
Hunter-Lab	73.8105, 13.9065, -30.2707

# Details

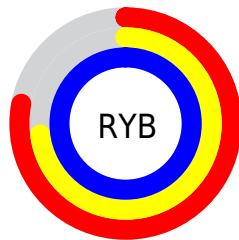
The Decimal color **13089535** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15925178**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **16773887**, and **9471430** is the 20% darker color. If you saturate the color by 10%, you get **11706879**, and if you desaturate by 10%, it is **14472191**.

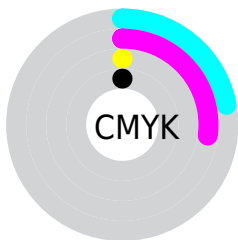
# Distribution



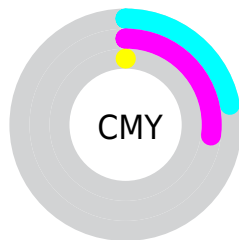
- Red (78%)
- Green (73%)
- Blue (100%)



- Red (78%)
- Yellow (73%)
- Blue (100%)



- Cyan (22%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (27%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13089535 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 13089535 by changing the saturation by 10% instead.



 13089535

 13089535

16777215

 11247586

 16773887

 9471430

 7761067

 6050704

 4406390

 2762333

 987717

 47

 281

■ 13089535

■ 13089535

■ 11706879

■ 14472191

■ 10389503

■ 15789567

■ 9006591

16777215

■ 7623935

■ 6306559

■ 4923903

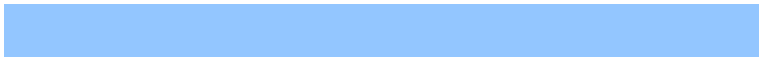
■ 3541247

■ 3145983

# Harmonies

## Analogous

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



9684735



13089535



15707878

# Triad

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



13089535



16233864



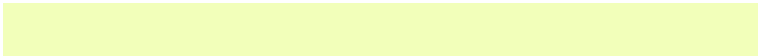
6608577

# Complementary

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



13089535



15925178

# 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.



9360031



13089535



14401917

# Square

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



13089535



16755618



11979654



4773348

# Rectangle

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



13089535



16755408



11979654



7460277



# Sweetspot

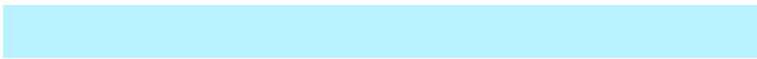
The Sweet Spot groups the original color and five complimentary colors.



13089535



15657983



12251903



7697280



0



8421504



# Same Dimension

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



13089535



12430847



15317759



7697280



2359487



786496



# Inverse Universe

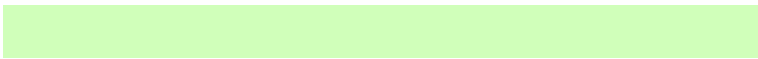
The Inverse Universe completely reimagines the original color for something new.



16759538



16756208



13696954



8418173



12517531

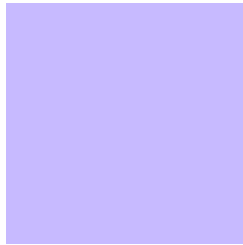


4194356



# Previews

## White Background



This preview shows how the Decimal color 13089535 looks on a white background.

## Color Contrast Check

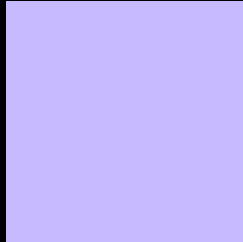
Large Text (above 18pt) WCAG AA × Fail

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 13089535 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

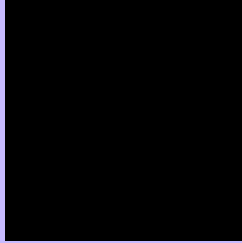
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13089535 Background



This preview shows how black text looks on a background with the Decimal color 13089535.



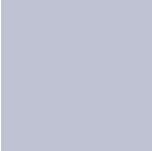
This preview shows how white text looks on a background with the Decimal color 13089535.

# 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**  
12567250

# Trichromacy



**Original Color**  
13089535

**Protanomaly**  
12238591

**Deuteranomaly**  
12369662

**Tritanomaly**  
12763106

# Monochromacy



**Original Color**  
13089535

**Achromatopsia**  
13027014

**Achromatomaly**  
13026011

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13089535 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 #C7BAFF looks like.

```
.text, #text, p{  
    color:#C7BAFF  
}
```

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 #C7BAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7BAFF
}
```

## Border

The CSS property to change the border of an element to Decimal 13089535 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
#C7BAFF }
```

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

```
.border{ border-color:#C7BAFF }
```

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

Here you see how a box with a 4 pixel #C7BAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7BAFF; -webkit-box-shadow:4px 4px  
4px 4px #C7BAFF; box-shadow:4px 4px 4px  
4px #C7BAFF }
```

# Background

The CSS property to change the background color of an element to Decimal 13089535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7BAFF }
```

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

```
.background{ background-color:#C7BAFF }
```

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