

# Converting Colors

Decimal(13217791)

Have a look what the booklet for  
Decimal(13217791) contains.

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# **Color**

**Decimal(13217791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9AFFF
RGB	201, 175, 255
RGB Percent	79%, 69%, 100%
CMY	0.2118, 0.3137, 0.0000
CMYK	0.21, 0.31, 0.00, 0.00
HSL	260°, 100%, 84%
HSV	260°, 31%, 100%
XYZ	57.4674, 50.2975, 101.2873
YIQ	191.8940, -10.1840, 30.3920

# Conversions

## Conversions Part 2

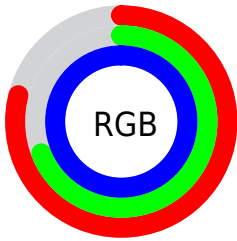
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 175, 255
Decimal	13217791
CIE <sub>Lab</sub>	76.25, 25.16, -36.18
CIE <sub>LCh</sub>	76, 44.071, 304.814
Yxy	50.2975, 0.2749, 0.2406
Android (android.graphics.Color)	4291407871 (0xFFC9AFFF)
YUV	191.8940, 31.1113, 7.9860
Hunter-Lab	70.9207, 20.5282, -35.0321

# Details

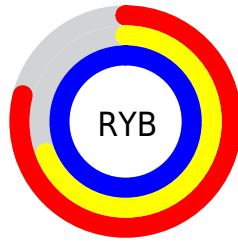
The Decimal color **13217791** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **15073199**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16771071**, and **9599686** is the 20% darker color. If you saturate the color by 10%, you get **12097023**, and if you desaturate by 10%, it is **14338559**.

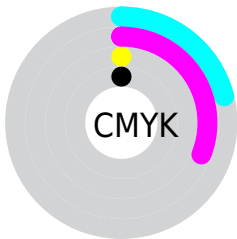
# Distribution



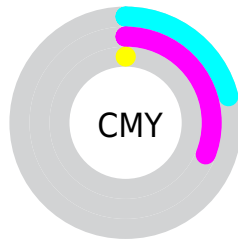
- Red (79%)
- Green (69%)
- Blue (100%)



- Red (79%)
- Yellow (69%)
- Blue (100%)



- Cyan (21%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (31%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13217791 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 13217791 by changing the saturation by 10% instead.



 13217791

 13217791

16777215

 11375842

 16771071

 9599686

 7823786

 6113680

 4469366

 2760029

 1050437

 46

 280

13217791

13217791

12097023

14338559

10976511

15459071

9790207

16645375

8669695

16777215

7549183

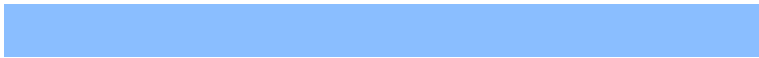
6428415

5439743

# Harmonies

## Analogous

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



9092863



13217791



16097759

# Triad

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



13217791



15904371



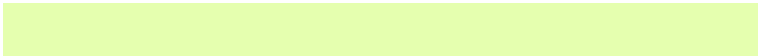
2937537

# Complementary

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



13217791



15073199

# 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.



7524248



13217791



13679722

# Square

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



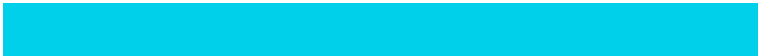
13217791



16753040



10864504



53481

# Rectangle

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



13217791



16751813



10864504



4772275



# Sweetspot

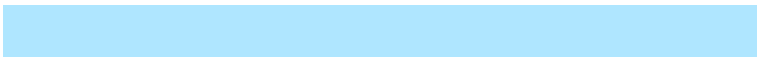
The Sweet Spot groups the original color and five complimentary colors.



13217791



15788287



11527935



7762304



0



8421504



# Same Dimension

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



13217791



12492543



15773695



7828352



4063423



1376320



# Inverse Universe

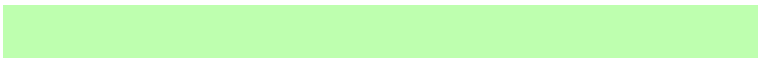
The Inverse Universe completely reimagines the original color for something new.



16756709



16752352



12517295



8418171



12517505

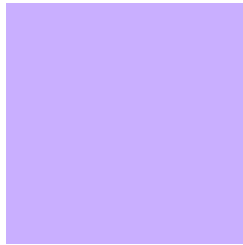


4194347



# Previews

## White Background



This preview shows how the Decimal color 13217791 looks on a white background.

## Color Contrast Check

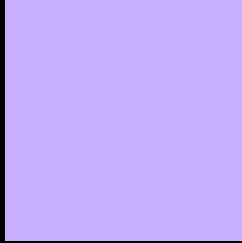
Large Text (above 18pt) WCAG AA × Fail

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 13217791 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

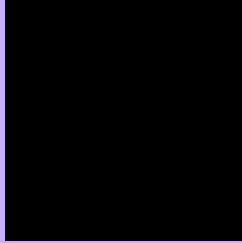
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13217791 Background



This preview shows how black text looks on a background with the Decimal color 13217791.




This preview shows how white text looks on a background with the Decimal color 13217791.

# 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**  
12565192

# Trichromacy



**Original Color**  
13217791

**Protanomaly**  
11843327

**Deuteranomaly**  
11908606

**Tritanomaly**  
12826332

# Monochromacy



**Original Color**  
13217791

**Achromatopsia**  
12632256

**Achromatomaly**  
12827351

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13217791 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 #C9AFFF looks like.

```
.text, #text, p{  
  color:#C9AFFF  
}
```

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 #C9AFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9AFFF  
}
```

## Border

The CSS property to change the border of an element to Decimal 13217791 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  
#C9AFFF }
```

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

```
.border{ border-color:#C9AFFF }
```

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

Here you see how a box with a 4 pixel #C9AFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9AFFF; -webkit-box-shadow:4px 4px  
4px 4px #C9AFFF; box-shadow:4px 4px 4px  
4px #C9AFFF }
```

# Background

The CSS property to change the background color of an element to Decimal 13217791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9AFFF }
```

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

```
.background{ background-color:#C9AFFF }
```

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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