

# Converting Colors

Decimal(13290495)

Have a look what the booklet for  
Decimal(13290495) contains.

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# **Color**

**Decimal(13290495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CACBFF
RGB	202, 203, 255
RGB Percent	79%, 80%, 100%
CMY	0.2078, 0.2039, 0.0000
CMYK	0.21, 0.20, 0.00, 0.00
HSL	239°, 100%, 90%
HSV	239°, 21%, 100%
XYZ	63.7631, 62.4884, 103.3085
YIQ	208.6290, -17.2880, 15.9600

# Conversions

## Conversions Part 2

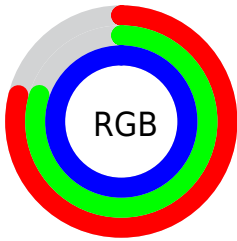
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 203, 255
Decimal	13290495
CIE Lab	83.17, 10.24, -25.54
CIE LCh	83, 27.515, 291.840
Yxy	62.4884, 0.2778, 0.2722
Android (android.graphics.Color)	4291480575 (0xFFCACBFF)
YUV	208.6290, 22.8609, -5.8136
Hunter-Lab	79.0496, 5.6449, -22.1503

# Details

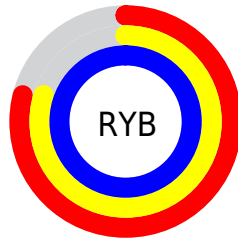
The Decimal color **13290495** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **16776906**, and the grayscale version is **13684944**.

A 20% lighter version of the original color is **16777215**, and **9672134** is the 20% darker color. If you saturate the color by 10%, you get **11645695**, and if you desaturate by 10%, it is **14935295**.

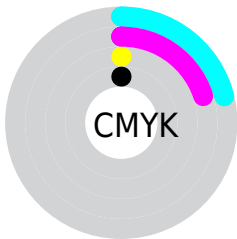
# Distribution



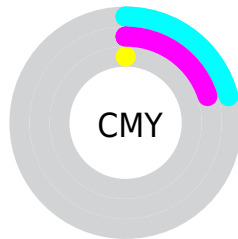
- Red (79%)
- Green (80%)
- Blue (100%)



- Red (79%)
- Yellow (80%)
- Blue (100%)



- Cyan (21%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13290495 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 13290495 by changing the saturation by 10% instead.



■ 13290495

16777215

■ 13290495

■ 11448546

■ 9672134

■ 7961515

■ 6251152

■ 4606838

■ 3028061

■ 1449798

■ 1839

■ 282

■ 13290495

■ 13290495

■ 11645695

■ 14935295

■ 9935359

■ 16645631

■ 8225023

16777215

■ 6580223

■ 4935423

■ 3225087

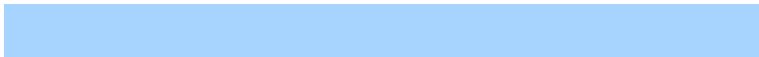
■ 1580287

■ 1535

# Harmonies

## Analogous

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



10933503



13290495



15385327

# Triad

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



13290495



16565159



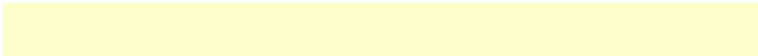
9821639

# Complementary

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



13290495



16776906

# 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.



11655855



13290495



15322012

# Square

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



13290495



16760253



13554591



8773345

# Rectangle

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



13290495



16367328



13554591



10411454



# Sweetspot

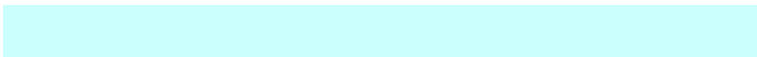
The Sweet Spot groups the original color and five complimentary colors.



13290495



15790335



13303805



7829376



0



8421504



# Same Dimension

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



13290495



12566783



14928639



7566208



1215



320



# Inverse Universe

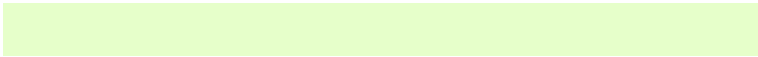
The Inverse Universe completely reimagines the original color for something new.



16763595



16760768



15138762



8418163



12517380

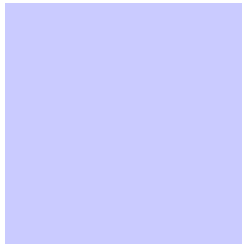


4194305



# Previews

## White Background



This preview shows how the Decimal color 13290495 looks on a white background.

## Color Contrast Check

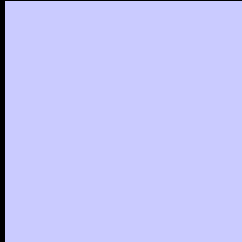
Large Text (above 18pt) WCAG AA × Fail

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 13290495 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

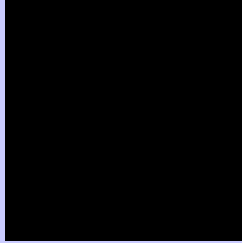
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13290495 Background



This preview shows how black text looks on a background with the Decimal color 13290495.

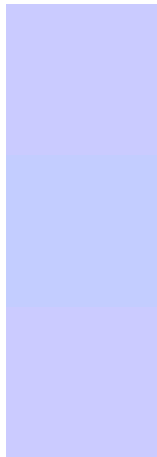


This preview shows how white text looks on a background with the Decimal color 13290495.

# 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**  
13290495

**Protanopia**  
12832255

**Deuteranopia**  
13356031



# Trichromacy



**Original Color**  
13290495

**Protanomaly**  
13028607

**Deuteranomaly**  
13356031

**Tritanomaly**  
13029100

# Monochromacy



**Original Color**  
13290495

**Achromatopsia**  
13750737

**Achromatomaly**  
13553634

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13290495 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 #CACBFF looks like.

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

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 #CACBFF colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 13290495 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
#CACBFF }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 13290495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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