

# Converting Colors

Decimal(13210623)

Have a look what the booklet for  
Decimal(13210623) contains.

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# **Color**

**Decimal(13210623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C993FF
RGB	201, 147, 255
RGB Percent	79%, 58%, 100%
CMY	0.2118, 0.4235, 0.0000
CMYK	0.21, 0.42, 0.00, 0.00
HSL	270°, 100%, 79%
HSV	270°, 42%, 100%
XYZ	52.5711, 40.5049, 99.6552
YIQ	175.4580, -2.4840, 45.0360

# Conversions

## Conversions Part 2

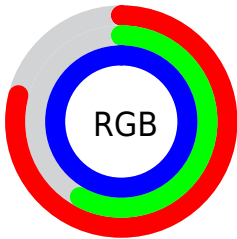
Format	Color
R <sub>Y</sub> B	201, 147, 255
Decimal	13210623
CIE Lab	69.83, 40.48, -46.20
CIE LCh	70, 61.430, 311.225
Yxy	40.5049, 0.2728, 0.2102
Android (android.graphics.Color)	4291400703 (0xFFC993FF)
YUV	175.4580, 39.2142, 22.4003
Hunter-Lab	63.6435, 36.0693, -48.2879

# Details

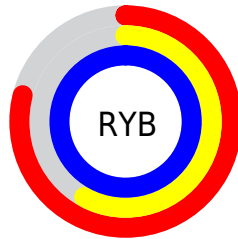
The Decimal color **13210623** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **13238163**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16763647**, and **9527238** is the 20% darker color. If you saturate the color by 10%, you get **12352255**, and if you desaturate by 10%, it is **14068991**.

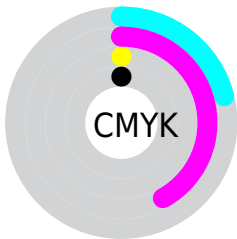
# Distribution



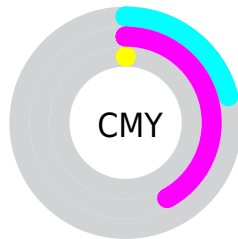
- Red (79%)
- Green (58%)
- Blue (100%)



- Red (79%)
- Yellow (58%)
- Blue (100%)



- Cyan (21%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (42%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13210623 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 13210623 by changing the saturation by 10% instead.



 13210623

 13210623

16777215

 11368930

 16763647

 9527238

 16770815

 7751338

 5975695

 4200053

 2424924

 983108

 812

 279

 13210623

 13210623

 12352255

 14068991

 11559167

 14927615

 10700543

 15720703

 9842175

 16579071

 8983551

16777215

 8388863

# Harmonies

## Analogous

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



6859519



13210623



16678608

# Triad

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



13210623



15047485



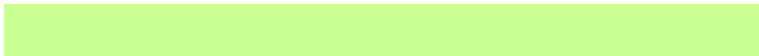
50879

# Complementary

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



13210623



13238163

# 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.



50053



13210623



11906612

# Square

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



13210623



16745828



7912530



50163

# Rectangle

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



13210623



16742571



7912530



50859



# Sweetspot

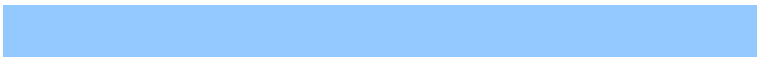
The Sweet Spot groups the original color and five complimentary colors.



13210623



15654655



9685503



7695232



0



8421504



# Same Dimension

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



13210623



12484095



16749567



7959424



6291647



2097216



# Inverse Universe

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



16749513



16743870



9699219



8418169



12517472

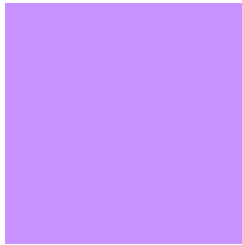


4194336



# Previews

## White Background



This preview shows how the Decimal color 13210623 looks on a white background.

## Color Contrast Check

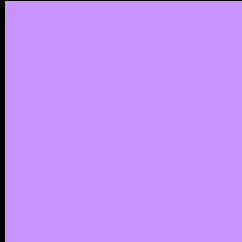
Large Text (above 18pt) WCAG AA × Fail

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 13210623 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

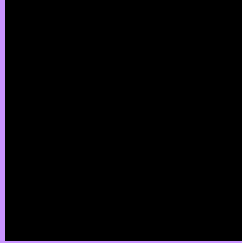
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13210623 Background



This preview shows how black text looks on a background with the Decimal color 13210623.




This preview shows how white text looks on a background with the Decimal color 13210623.

# 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](#).

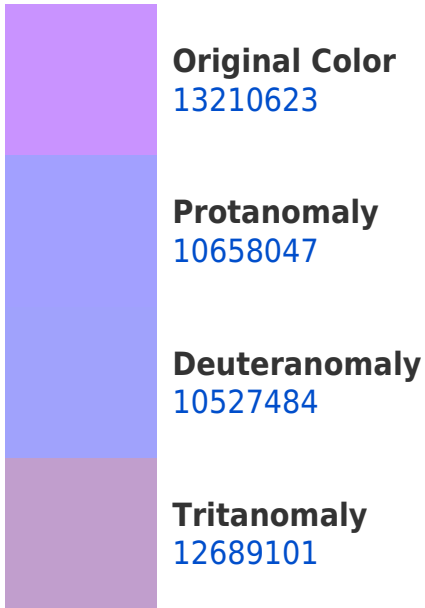
## Dichromacy



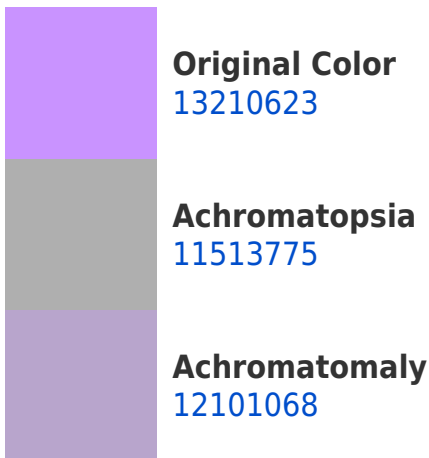


**Tritanopia**  
12362929

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13210623 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 #C993FF looks like.

```
.text, #text, p{  
    color:#C993FF  
}
```

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 #C993FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C993FF
}
```

## Border

The CSS property to change the border of an element to Decimal 13210623 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
#C993FF }
```

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

```
.border{ border-color:#C993FF }
```

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

Here you see how a box with a 4 pixel #C993FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C993FF; -webkit-box-shadow:4px 4px  
4px 4px #C993FF; box-shadow:4px 4px 4px  
4px #C993FF }
```

# Background

The CSS property to change the background color of an element to Decimal 13210623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C993FF }
```

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

```
.background{ background-color:#C993FF }
```

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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