

Converting Colors

RGB(199, 168, 255)

Have a look what the booklet for
RGB(199, 168, 255) contains.

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Color

RGB(199, 168, 255)

Conversions

Conversions Part 1

Format	Color
Hex	C7A8FF
RGB	199, 168, 255
RGB Percent	78%, 66%, 100%
CMY	0.2196, 0.3412, 0.0000
CMYK	0.22, 0.34, 0.00, 0.00
HSL	261°, 100%, 83%
HSV	261°, 34%, 100%
XYZ	55.6058, 47.3674, 100.8198
YIQ	187.1870, -9.4510, 33.6290

Conversions

Conversions Part 2

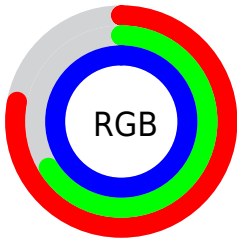
Format	Color
R _Y B	199, 168, 255
Decimal	13084927
CIE Lab	74.42, 28.42, -39.03
CIE LCh	74, 48.283, 306.060
Yxy	47.3674, 0.2729, 0.2324
Android (android.graphics.Color)	4291275007 (0xFFC7A8FF)
YUV	187.1870, 33.4318, 10.3600
Hunter-Lab	68.8240, 23.7758, -38.6768

Details

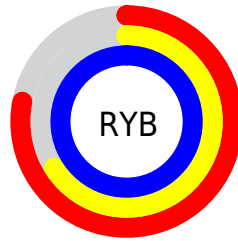
The RGB color **199, 168, 255** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **224, 255, 168**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 223, 255**, and **144, 116, 198** is the 20% darker color. If you saturate the color by 10%, you get **183, 143, 255**, and if you desaturate by 10%, it is **215, 194, 255**.

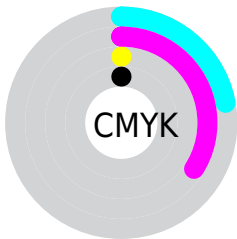
Distribution



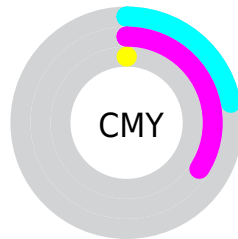
- Red (78%)
- Green (66%)
- Blue (100%)



- Red (78%)
- Yellow (66%)
- Blue (100%)



- Cyan (22%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)




- Cyan (22%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 199, 168, 255 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 RGB color 199, 168, 255 by changing the saturation by 10% instead.

 199, 168, 255

 199, 168, 255

255, 255, 255


 171, 141, 226

 255, 223, 255

 144, 116, 198

 255, 252, 255

 117, 91, 170

 91, 67, 144

 65, 44, 118

 39, 22, 92


 12, 0, 68

 0, 0, 45


 0, 1, 24

 199, 168, 255


 199, 168, 255

 183, 143, 255


 215, 194, 255

 166, 117, 255

 232, 219, 255


 150, 91, 255


 248, 245, 255

 133, 66, 255

255, 255, 255

 117, 40, 255

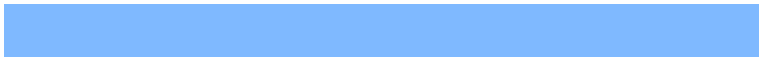
 101, 15, 255

 91, 0, 255

Harmonies

Analogous

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



127, 185, 255



199, 168, 255



246, 153, 220

Triad

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



199, 168, 255



240, 168, 102



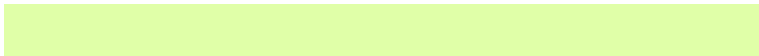
0, 206, 191

Complementary

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



199, 168, 255



224, 255, 168

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.



96, 203, 145



199, 168, 255



202, 183, 92

Square

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



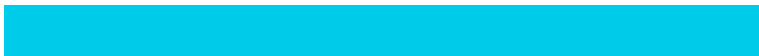
199, 168, 255



255, 153, 133



155, 196, 109



0, 204, 234

Rectangle

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



199, 168, 255



255, 147, 191



155, 196, 109



30, 206, 175

Sweetspot

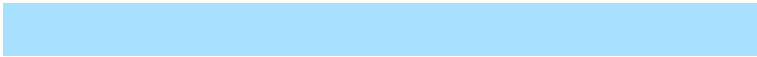
The Sweet Spot groups the original color and five complimentary colors.



199, 168, 255



239, 230, 255



168, 225, 255



118, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 168, 255



188, 150, 255



242, 168, 255



119, 115, 128



68, 0, 191



23, 0, 64

Inverse Universe

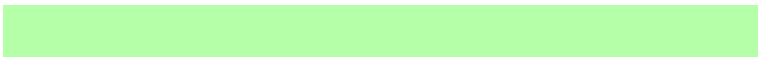
The Inverse Universe completely reimagines the original color for something new.



255, 168, 224



255, 150, 218



181, 255, 168



128, 115, 123



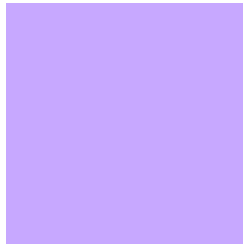
191, 0, 123



64, 0, 41

Previews

White Background



This preview shows how the RGB color 199, 168, 255 looks on a white background.

Color Contrast Check

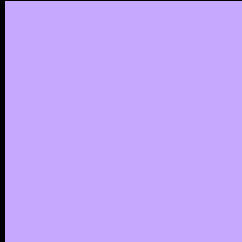
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 199, 168, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

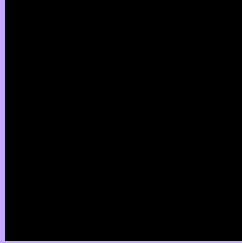
Any Text WCAG AA ✓ Pass

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](#).

RGB 199, 168, 255 Background



This preview shows how black text looks on a background with the RGB color 199, 168, 255.

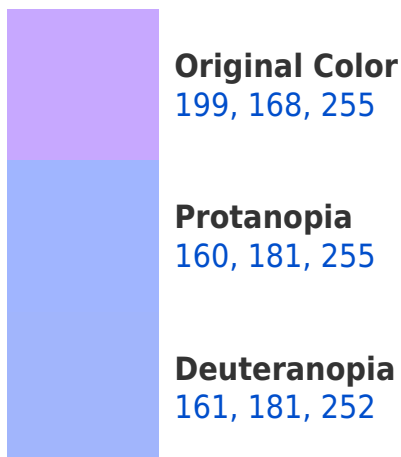



This preview shows how white text looks on a background with the RGB color 199, 168, 255.

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
188, 180, 194

Trichromacy



Original Color
199, 168, 255

Protanomaly
174, 176, 255

Deuteranomaly
175, 176, 253

Tritanomaly
192, 176, 216

Monochromacy



Original Color
199, 168, 255

Achromatopsia
187, 187, 187

Achromatomaly
191, 180, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 168, 255 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 `rgb(199, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 255)  
}
```

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 rgb(199, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 255) }
```

Border

The CSS property to change the border of an element to RGB 199, 168, 255 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 rgb(199, 168, 255) }
```

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

```
.border{ border-color:rgb(199, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 168,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 199, 168, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 168, 255) }
```

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

```
.background{ background-color: rgb(199,  
168, 255) }
```

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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