

Converting Colors

RGB(168, 133, 253)

Have a look what the booklet for
RGB(168, 133, 253) contains.

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Color

RGB(168, 133, 253)

Conversions

Conversions Part 1

Format	Color
Hex	A885FD
RGB	168, 133, 253
RGB Percent	66%, 52%, 99%
CMY	0.3412, 0.4784, 0.0078
CMYK	0.34, 0.47, 0.00, 0.01
HSL	258°, 97%, 76%
HSV	258°, 47%, 99%
XYZ	42.2656, 32.1917, 96.9145
YIQ	157.1450, -17.6600, 44.7400

Conversions

Conversions Part 2

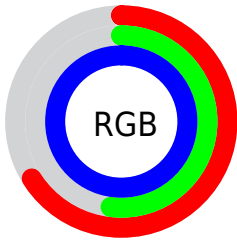
Format	Color
RYB	168, 133, 253
Decimal	11044349
CIELab	63.50, 38.96, -55.31
CIElCh	64, 67.659, 305.160
Yxy	32.1917, 0.2466, 0.1878
Android (android.graphics.Color)	4289234429 (0xFFA885FD)
YUV	157.1450, 47.2565, 9.5198
Hunter-Lab	56.7378, 33.6787, -61.5576

Details

The RGB color **168, 133, 253** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **218, 253, 133**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **226, 187, 255**, and **112, 82, 196** is the 20% darker color. If you saturate the color by 10%, you get **150, 108, 253**, and if you desaturate by 10%, it is **186, 158, 253**.

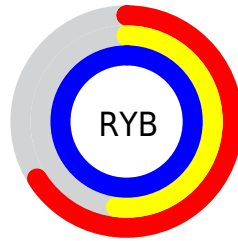
Distribution



Red (66%)

Green (52%)

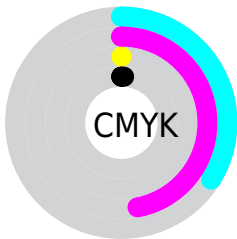
Blue (99%)



Red (66%)

Yellow (52%)

Blue (99%)

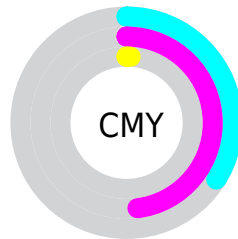


Cyan (34%)

Magenta (47%)

Yellow (0%)

Black (1%)



Cyan (34%)

Magenta (48%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 133, 253 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 168, 133, 253 by changing the saturation by 10% instead.


 168, 133, 253


255, 255, 255

 226, 187, 255

 255, 215, 255

 255, 243, 255

 168, 133, 253

 140, 107, 224

 112, 82, 196

 83, 59, 168

 54, 35, 141

 19, 12, 115

 0, 0, 90

 0, 0, 65

 0, 3, 42

 0, 1, 20

■ 168, 133, 253

■ 168, 133, 253

■ 150, 108, 253

■ 186, 158, 253

■ 132, 82, 253

■ 204, 184, 253

■ 114, 57, 253

■ 222, 209, 253

■ 96, 32, 253

■ 240, 234, 253

■ 78, 7, 253

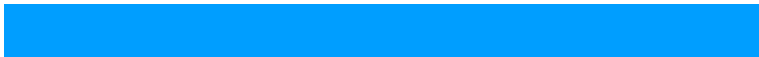
255, 255, 253

■ 74, 0, 253

Harmonies

Analogous

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



0, 158, 255



168, 133, 253



234, 106, 206

Triad

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



168, 133, 253



223, 132, 37



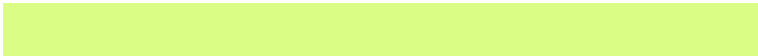
0, 182, 163

Complementary

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



168, 133, 253



218, 253, 133

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.



0, 178, 100



168, 133, 253



174, 154, 0

Square

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



168, 133, 253



254, 106, 88



111, 170, 44



0, 181, 222

Rectangle

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



168, 133, 253



255, 94, 166



111, 170, 44



0, 181, 142

Sweetspot

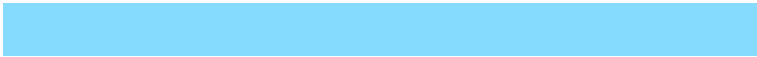
The Sweet Spot groups the original color and five complimentary colors.



168, 133, 253



230, 219, 255



133, 219, 253



112, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



168, 133, 253



152, 110, 255



227, 133, 253



118, 115, 128



56, 0, 191



19, 0, 64

Inverse Universe

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



253, 133, 218



255, 110, 213



159, 253, 133



128, 115, 124



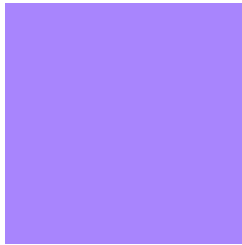
191, 0, 135



64, 0, 45

Previews

White Background



This preview shows how the RGB color 168, 133, 253 looks on a white background.

Color Contrast Check

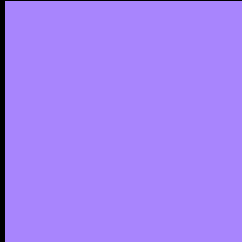
Large Text (above 18pt) WCAG AA × Fail

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 168, 133, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

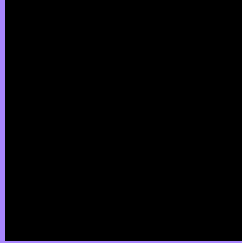
Any Text WCAG AA ✓ Pass

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 168, 133, 253 Background



This preview shows how black text looks on a background with the RGB color 168, 133, 253.



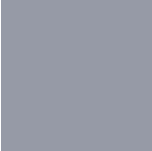
This preview shows how white text looks on a background with the RGB color 168, 133, 253.

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
150, 153, 166

Trichromacy



Original Color

168, 133, 253



Protanomaly

131, 144, 254



Deuteranomaly

123, 146, 250



Tritanomaly

157, 146, 198

Monochromacy



Original Color

168, 133, 253



Achromatopsia

157, 157, 157



Achromatomaly

161, 148, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 133, 253 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(168, 133, 253)` looks like.

```
.text, #text, p{  
    color:rgb(168, 133, 253)  
}
```

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(168, 133, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 133, 253) }
```

Border

The CSS property to change the border of an element to RGB 168, 133, 253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

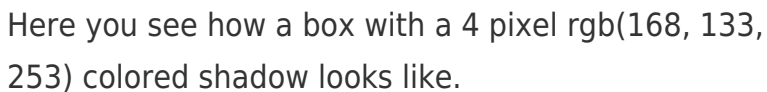
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 133, 253) }
```

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

```
.border{ border-color:rgb(168, 133, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 133, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 133, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 133, 253); box-shadow:4px 4px 4px 4px rgb(168, 133, 253) }
```

Background

The CSS property to change the background color of an element to RGB 168, 133, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 133, 253) }
```

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

```
.background{ background-color: rgb(168,  
133, 253) }
```

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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