

Converting Colors

RGB(172, 139, 231)

Have a look what the booklet for
RGB(172, 139, 231) contains.

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Color

RGB(172, 139, 231)

Conversions

Conversions Part 1

Format	Color
Hex	AC8BE7
RGB	172, 139, 231
RGB Percent	67%, 55%, 91%
CMY	0.3255, 0.4549, 0.0941
CMYK	0.26, 0.40, 0.00, 0.09
HSL	262°, 66%, 73%
HSV	262°, 40%, 91%
XYZ	40.6697, 33.0054, 79.8285
YIQ	159.3550, -9.8640, 35.6080

Conversions

Conversions Part 2

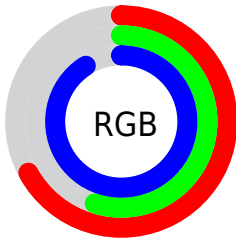
Format	Color
RYB	172, 139, 231
Decimal	11308007
CIELab	64.17, 31.23, -42.13
CIELCh	64, 52.442, 306.555
Yxy	33.0054, 0.2649, 0.2150
Android (android.graphics.Color)	4289498087 (0xFFAC8BE7)
YUV	159.3550, 35.3210, 11.0897
Hunter-Lab	57.4503, 25.8239, -42.1695

Details

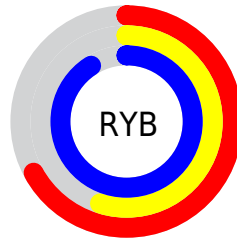
The RGB color **172, 139, 231** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **198, 231, 139**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **229, 193, 255**, and **117, 88, 175** is the 20% darker color. If you saturate the color by 10%, you get **157, 116, 231**, and if you desaturate by 10%, it is **187, 162, 231**.

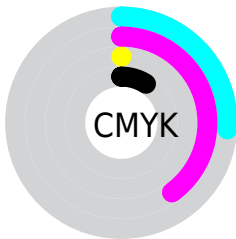
Distribution



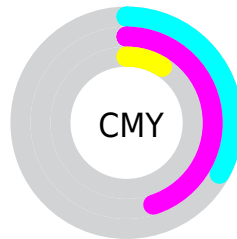
- Red (67%)
- Green (55%)
- Blue (91%)



- Red (67%)
- Yellow (55%)
- Blue (91%)



- Cyan (26%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)




- Cyan (33%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 139, 231 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 172, 139, 231 by changing the saturation by 10% instead.


 172, 139, 231


255, 255, 255

 229, 193, 255


 255, 221, 255

 255, 250, 255


 172, 139, 231

 144, 113, 203

 117, 88, 175

 91, 65, 148

 65, 42, 122

 38, 20, 96

 9, 0, 72

 0, 0, 49

 0, 1, 27

 0, 0, 0

■ 172, 139, 231

■ 172, 139, 231

■ 157, 116, 231

■ 187, 162, 231

■ 142, 93, 231

■ 202, 185, 231

■ 128, 70, 231

■ 216, 208, 231

■ 113, 47, 231

■ 231, 231, 231

■ 98, 23, 231

■ 246, 254, 231

■ 83, 0, 231

■ 255, 255, 231

■ 83, 0, 231

Harmonies

Analogous

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



87, 157, 248



172, 139, 231



221, 121, 194

Triad

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



172, 139, 231



212, 140, 69



0, 179, 165

Complementary

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



172, 139, 231



198, 231, 139

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.



50, 176, 117



172, 139, 231



172, 156, 57

Square

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



172, 139, 231



237, 123, 102



123, 169, 77



0, 177, 210

Rectangle

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



172, 139, 231



238, 115, 163



123, 169, 77



0, 178, 148

Sweetspot

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



172, 139, 231



235, 224, 255



139, 199, 231



116, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 139, 231



177, 133, 255



217, 139, 231



107, 103, 115



64, 0, 179



18, 0, 51

Inverse Universe

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



231, 139, 198



255, 133, 211



153, 231, 139



115, 103, 111



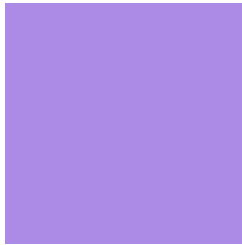
179, 0, 114



51, 0, 33

Previews

White Background



This preview shows how the RGB color 172, 139, 231 looks on a white background.

Color Contrast Check

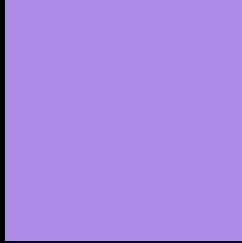
Large Text (above 18pt) WCAG AA × Fail

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 172, 139, 231 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 172, 139, 231 Background



This preview shows how black text looks on a background with the RGB color 172, 139, 231.

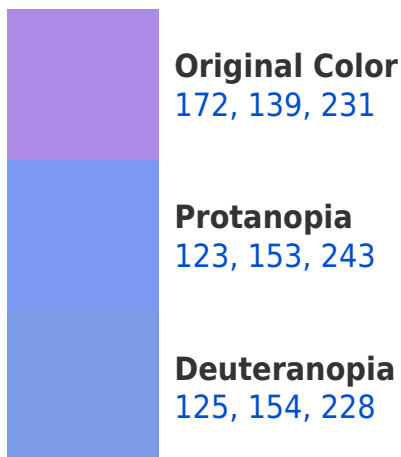



This preview shows how white text looks on a background with the RGB color 172, 139, 231.

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
160, 153, 165

Trichromacy



Original Color
172, 139, 231

Protanomaly
141, 148, 239

Deuteranomaly
142, 149, 229

Tritanomaly
164, 148, 189

Monochromacy



Original Color
172, 139, 231

Achromatopsia
159, 159, 159

Achromatomaly
164, 152, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 139, 231 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(172, 139, 231)` looks like.

```
.text, #text, p{  
    color:rgb(172, 139, 231)  
}
```

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(172, 139, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 139, 231) }
```

Border

The CSS property to change the border of an element to RGB 172, 139, 231 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(172, 139, 231) }
```

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

```
.border{ border-color:rgb(172, 139, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 139, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 139, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 139, 231);  
box-shadow:4px 4px 4px 4px rgb(172, 139,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 172, 139, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 139, 231) }
```

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

```
.background{ background-color: rgb(172,  
139, 231) }
```

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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