

Converting Colors

RGB(199, 142, 219)

Have a look what the booklet for
RGB(199, 142, 219) contains.

RGB(199, 142, 219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(199, 142, 219)

Conversions

Conversions Part 1

Format	Color
Hex	C78EDB
RGB	199, 142, 219
RGB Percent	78%, 56%, 86%
CMY	0.2196, 0.4431, 0.1412
CMYK	0.09, 0.35, 0.00, 0.14
HSL	284°, 52%, 71%
HSV	284°, 35%, 86%
XYZ	46.0124, 36.6026, 71.6577
YIQ	167.8210, 9.2550, 36.0310

Conversions

Conversions Part 2

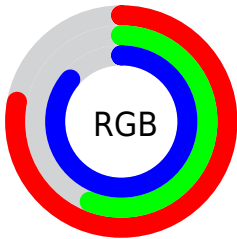
Format	Color
R_{YB}	199, 142, 219
Decimal	13078235
CIE _{Lab}	66.98, 34.94, -30.90
CIE _{LCh}	67, 46.641, 318.507
Yxy	36.6026, 0.2983, 0.2373
Android (android.graphics.Color)	4291268315 (0xFFC78EDB)
YUV	167.8210, 25.2312, 27.3440
Hunter-Lab	60.5001, 29.8802, -27.8744

Details

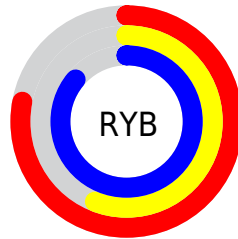
The RGB color **199, 142, 219** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **162, 219, 142**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 196, 255**, and **144, 91, 164** is the 20% darker color. If you saturate the color by 10%, you get **193, 120, 219**, and if you desaturate by 10%, it is **205, 164, 219**.

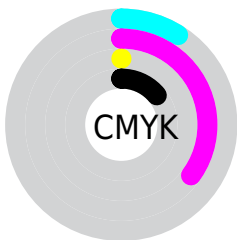
Distribution



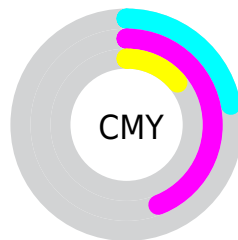
- Red (78%)
- Green (56%)
- Blue (86%)



- Red (78%)
- Yellow (56%)
- Blue (86%)



- Cyan (9%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 142, 219 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, 142, 219 by changing the saturation by 10% instead.

 199, 142, 219

255, 255, 255

 255, 196, 255

 255, 225, 255

255, 254, 255

 199, 142, 219

 171, 116, 191

 144, 91, 164


 117, 66, 137

 92, 42, 112

 67, 18, 87

 42, 0, 63

 20, 0, 41

 0, 1, 18

 0, 0, 0


 199, 142, 219

 199, 142, 219

 193, 120, 219


 205, 164, 219

 188, 98, 219


 210, 186, 219

 182, 76, 219


 216, 208, 219

 176, 54, 219

 222, 230, 219

 171, 33, 219

 227, 252, 219

 165, 11, 219

 233, 255, 219

 162, 0, 219

 239, 255, 219

 245, 255, 219

 250, 255, 219

Harmonies

Analogous

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



141, 158, 243



199, 142, 219



233, 130, 181

Triad

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



199, 142, 219



202, 155, 79



0, 184, 188

Complementary

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



199, 142, 219



162, 219, 142

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.



42, 184, 145



199, 142, 219



163, 169, 81

Square

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



199, 142, 219



231, 140, 102



114, 178, 105



0, 181, 225

Rectangle

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



199, 142, 219



242, 128, 153



114, 178, 105



0, 185, 174

Sweetspot

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



199, 142, 219



248, 227, 255



142, 163, 219



123, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 142, 219



227, 148, 255



219, 142, 201



107, 99, 110



128, 0, 173



34, 0, 46

Inverse Universe

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



219, 142, 162



255, 148, 176



142, 219, 160



110, 99, 102



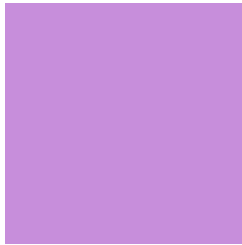
173, 0, 45



46, 0, 12

Previews

White Background



This preview shows how the RGB color 199, 142, 219 looks on a white background.

Color Contrast Check

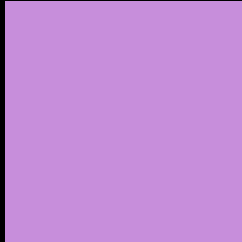
Large Text (above 18pt) WCAG AA × Fail

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, 142, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

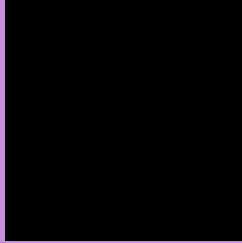
Any Text WCAG AA ✓ Pass

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, 142, 219 Background



This preview shows how black text looks on a background with the RGB color 199, 142, 219.

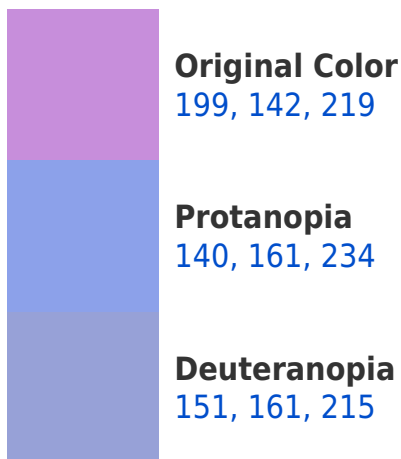



This preview shows how white text looks on a background with the RGB color 199, 142, 219.

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
191, 153, 165

Trichromacy



Original Color

199, 142, 219



Protanomaly

161, 154, 229



Deuteranomaly

168, 154, 216



Tritanomaly

194, 149, 185

Monochromacy



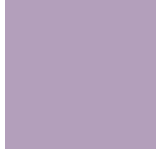
Original Color

199, 142, 219



Achromatopsia

168, 168, 168



Achromatomaly

179, 159, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 142, 219 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, 142, 219)` looks like.

```
.text, #text, p{  
    color:rgb(199, 142, 219)  
}
```

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, 142, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 142, 219) }
```

Border

The CSS property to change the border of an element to RGB 199, 142, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

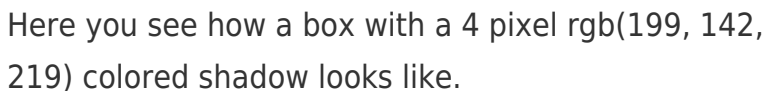
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 142, 219) }
```

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

```
.border{ border-color:rgb(199, 142, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 142, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 142, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 142, 219); box-shadow:4px 4px 4px 4px rgb(199, 142, 219) }
```

Background

The CSS property to change the background color of an element to RGB 199, 142, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 142, 219) }
```

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

```
.background{ background-color: rgb(199,  
142, 219) }
```

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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