

Converting Colors

RGB(201, 159, 226)

Have a look what the booklet for
RGB(201, 159, 226) contains.

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Color

RGB(201, 159, 226)

Conversions

Conversions Part 1

Format	Color
Hex	C99FE2
RGB	201, 159, 226
RGB Percent	79%, 62%, 89%
CMY	0.2118, 0.3765, 0.1137
CMYK	0.11, 0.30, 0.00, 0.11
HSL	278°, 54%, 75%
HSV	278°, 30%, 89%
XYZ	50.2130, 42.7048, 77.5478
YIQ	179.1960, 3.5250, 29.7410

Conversions

Conversions Part 2

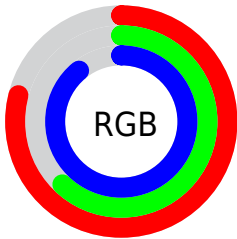
Format	Color
RYB	201, 159, 226
Decimal	13213666
CIELab	71.35, 27.67, -28.00
CIELCh	71, 39.365, 314.667
Yxy	42.7048, 0.2946, 0.2505
Android (android.graphics.Color)	4291403746 (0xFFC99FE2)
YUV	179.1960, 23.0744, 19.1221
Hunter-Lab	65.3489, 22.7959, -24.6137

Details

The RGB color **201, 159, 226** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184, 226, 159**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 214, 255**, and **146, 107, 170** is the 20% darker color. If you saturate the color by 10%, you get **193, 136, 226**, and if you desaturate by 10%, it is **209, 182, 226**.

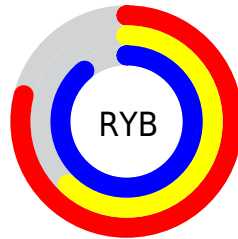
Distribution



Red (79%)

Green (62%)

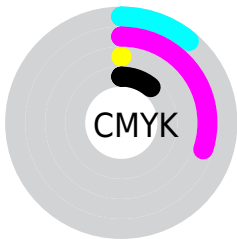
Blue (89%)



Red (79%)

Yellow (62%)

Blue (89%)

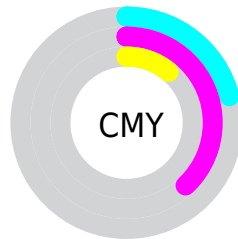


Cyan (11%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (21%)


Magenta (38%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 159, 226 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 201, 159, 226 by changing the saturation by 10% instead.

 201, 159, 226

 201, 159, 226

255, 255, 255

 173, 133, 198


 255, 214, 255

 146, 107, 170

 255, 243, 255

 120, 82, 144

 94, 59, 118


 70, 36, 93


 46, 14, 69


 27, 0, 47


 0, 1, 25


 0, 0, 0

 201, 159, 226

 201, 159, 226

 193, 136, 226

 209, 182, 226

 184, 114, 226

 218, 204, 226

 176, 91, 226


 226, 227, 226

 167, 69, 226

 235, 249, 226

 159, 46, 226

 243, 255, 226

 150, 23, 226

 252, 255, 226

 142, 1, 226

 255, 255, 226

 142, 0, 226

Harmonies

Analogous

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



151, 172, 244



201, 159, 226



233, 149, 195

Triad

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



201, 159, 226



214, 166, 106



36, 194, 192

Complementary

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



201, 159, 226



184, 226, 159

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.



94, 193, 155



201, 159, 226



181, 178, 104

Square

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



201, 159, 226



237, 154, 126



141, 187, 122



7, 191, 224

Rectangle

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



201, 159, 226



243, 147, 170



141, 187, 122



58, 194, 179

Sweetspot

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



201, 159, 226



246, 232, 255



159, 185, 226



122, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 159, 226



221, 163, 255



226, 159, 218



108, 101, 112



110, 0, 176



30, 0, 48

Inverse Universe

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



226, 159, 184



255, 163, 197



159, 226, 167



112, 101, 105



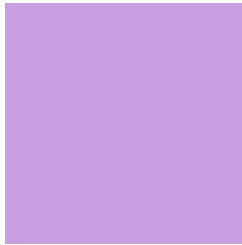
176, 0, 66



48, 0, 18

Previews

White Background



This preview shows how the RGB color 201, 159, 226 looks on a white background.

Color Contrast Check

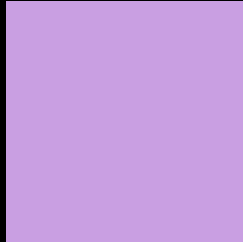
Large Text (above 18pt) WCAG AA × Fail

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 201, 159, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

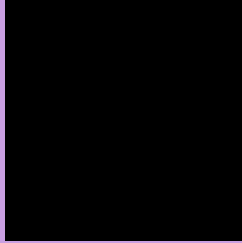
Any Text WCAG AA ✓ Pass

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 201, 159, 226 Background



This preview shows how black text looks on a background with the RGB color 201, 159, 226.

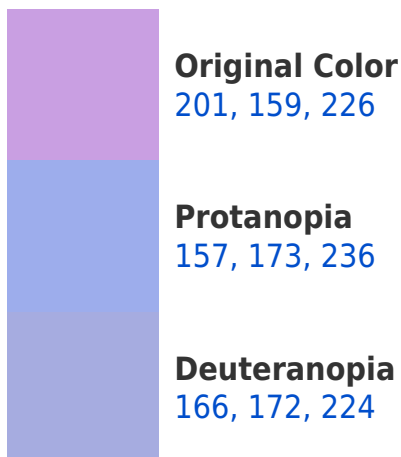



This preview shows how white text looks on a background with the RGB color 201, 159, 226.

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
194, 168, 181

Trichromacy



Original Color
201, 159, 226

Protanomaly
173, 168, 232

Deuteranomaly
179, 167, 225

Tritanomaly
197, 165, 197

Monochromacy



Original Color
201, 159, 226

Achromatopsia
179, 179, 179

Achromatomaly
187, 172, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 159, 226 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(201, 159, 226)` looks like.

```
.text, #text, p{  
    color:rgb(201, 159, 226)  
}
```

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(201, 159, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 159, 226) }
```

Border

The CSS property to change the border of an element to RGB 201, 159, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

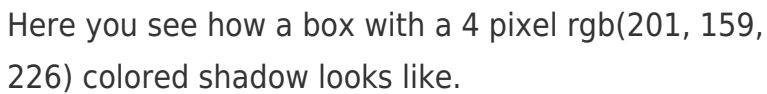
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 159, 226) }
```

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

```
.border{ border-color:rgb(201, 159, 226) }
```

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



Here you see how a box with a 4 pixel rgb(201, 159, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 159, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 159, 226);  
box-shadow:4px 4px 4px 4px rgb(201, 159,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 201, 159, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 159, 226) }
```

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

```
.background{ background-color: rgb(201,  
159, 226) }
```

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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