

Converting Colors

RGB(211, 153, 201)

Have a look what the booklet for
RGB(211, 153, 201) contains.

RGB(211, 153, 201)	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(211, 153, 201)

Conversions

Conversions Part 1

Format	Color
Hex	D399C9
RGB	211, 153, 201
RGB Percent	83%, 60%, 79%
CMY	0.1725, 0.4000, 0.2118
CMYK	0.00, 0.27, 0.05, 0.17
HSL	310°, 40%, 71%
HSV	310°, 27%, 83%
XYZ	48.7978, 40.8484, 60.5709
YIQ	175.8140, 19.1600, 27.2240

Conversions

Conversions Part 2

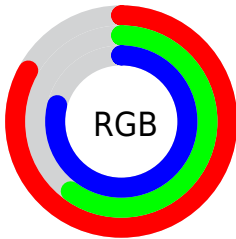
Format	Color
R_{YB}	211, 153, 201
Decimal	13867465
CIE _{Lab}	70.07, 29.38, -16.09
CIE _{LCh}	70, 33.495, 331.288
Yxy	40.8484, 0.3248, 0.2719
Android (android.graphics.Color)	4292057545 (0xFFD399C9)
YUV	175.8140, 12.4167, 30.8581
Hunter-Lab	63.9127, 24.4386, -11.4510

Details

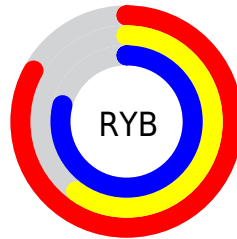
The RGB color **211, 153, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **153, 211, 163**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 208, 255**, and **156, 101, 147** is the 20% darker color. If you saturate the color by 10%, you get **211, 132, 197**, and if you desaturate by 10%, it is **211, 174, 205**.

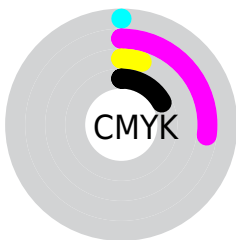
Distribution



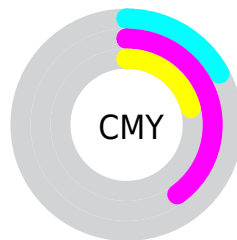
- Red (83%)
- Green (60%)
- Blue (79%)



- Red (83%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (17%)





- Cyan (17%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 211, 153, 201 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 211, 153, 201 by changing the saturation by 10% instead.

 211, 153, 201

 211, 153, 201

255, 255, 255

 183, 127, 174

 255, 208, 255

 156, 101, 147

 255, 236, 255

 129, 76, 121


 103, 53, 96


 78, 29, 72


 54, 5, 50


 36, 0, 29


 0, 0, 0


 211, 153, 201


 211, 153, 201

 211, 132, 197


 211, 174, 205

 211, 111, 194


 211, 195, 208

 211, 90, 190


 211, 216, 212

 211, 69, 186


 211, 237, 216

 211, 47, 183


 211, 255, 219

 211, 26, 179

 211, 255, 223

 211, 5, 176

 211, 255, 226

 211, 0, 175

 211, 255, 230

 211, 255, 234

Harmonies

Analogous

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



177, 163, 223



211, 153, 201



229, 148, 171

Triad

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



211, 153, 201



191, 170, 110



64, 187, 202

Complementary

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



211, 153, 201



153, 211, 163

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.



87, 188, 172



211, 153, 201



159, 179, 118

Square

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



211, 153, 201



216, 159, 119



123, 185, 141



86, 182, 224

Rectangle

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



211, 153, 201



232, 149, 151



123, 185, 141



68, 188, 192

Sweetspot

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



211, 153, 201



255, 235, 251



163, 153, 211



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



211, 153, 201



255, 171, 240



211, 153, 172



105, 94, 103



168, 0, 139



41, 0, 34

Inverse Universe

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



211, 153, 201



255, 171, 240



153, 211, 192



105, 94, 103



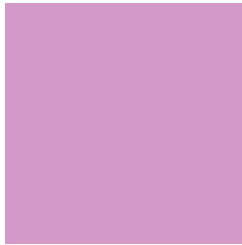
168, 0, 139



41, 0, 34

Previews

White Background



This preview shows how the RGB color 211, 153, 201 looks on a white background.

Color Contrast Check

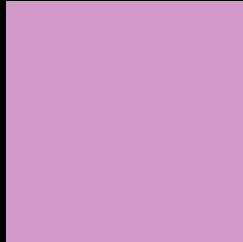
Large Text (above 18pt) WCAG AA × Fail

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 211, 153, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

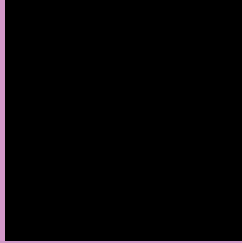
Any Text WCAG AA ✓ Pass

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 211, 153, 201 Background



This preview shows how black text looks on a background with the RGB color 211, 153, 201.



This preview shows how white text looks on a background with the RGB color 211, 153, 201.

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



Original Color
211, 153, 201

Protanopia
162, 170, 213

Deuteranopia
175, 167, 198



Tritanopia
207, 159, 171

Trichromacy



Original Color

211, 153, 201



Protanomaly

180, 164, 209



Deuteranomaly

188, 162, 199



Tritanomaly

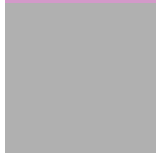
208, 157, 182

Monochromacy



Original Color

211, 153, 201



Achromatopsia

176, 176, 176



Achromatomaly

189, 168, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 153, 201 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(211, 153, 201)` looks like.

```
.text, #text, p{  
    color:rgb(211, 153, 201)  
}
```

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(211, 153, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 153, 201) }
```

Border

The CSS property to change the border of an element to RGB 211, 153, 201 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(211, 153, 201) }
```

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

```
.border{ border-color:rgb(211, 153, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 153, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 153, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 153, 201);  
box-shadow:4px 4px 4px 4px rgb(211, 153,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 211, 153, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 153, 201) }
```

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

```
.background{ background-color: rgb(211,  
153, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor