

Converting Colors

RGB(201, 136, 202)

Have a look what the booklet for
RGB(201, 136, 202) contains.

RGB(201, 136, 202)	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(201, 136, 202)

Conversions

Conversions Part 1

Format	Color
Hex	C988CA
RGB	201, 136, 202
RGB Percent	79%, 53%, 79%
CMY	0.2118, 0.4667, 0.2078
CMYK	0.00, 0.33, 0.00, 0.21
HSL	299°, 38%, 66%
HSV	299°, 33%, 79%
XYZ	43.5522, 34.2901, 60.2003
YIQ	162.9590, 17.5540, 34.3060

Conversions

Conversions Part 2

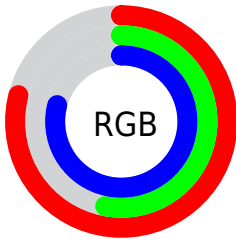
Format	Color
RYB	201, 136, 202
Decimal	13207754
CIELab	65.19, 35.51, -24.16
CIELCh	65, 42.949, 325.763
Yxy	34.2901, 0.3155, 0.2484
Android (android.graphics.Color)	4291397834 (0xFFC988CA)
YUV	162.9590, 19.2472, 33.3620
Hunter-Lab	58.5577, 30.2830, -19.9627

Details

The RGB color **201, 136, 202** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **137, 202, 136**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 190, 255**, and **146, 85, 148** is the 20% darker color. If you saturate the color by 10%, you get **201, 116, 202**, and if you desaturate by 10%, it is **201, 156, 202**.

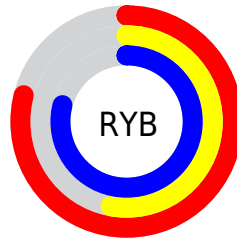
Distribution



Red (79%)

Green (53%)

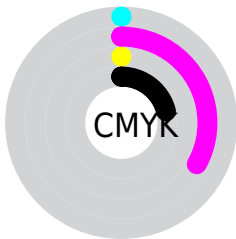
Blue (79%)



Red (79%)

Yellow (53%)

Blue (79%)

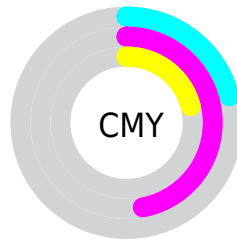


Cyan (0%)

Magenta (33%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (47%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 201, 136, 202 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, 136, 202 by changing the saturation by 10% instead.

 201, 136, 202

 201, 136, 202

255, 255, 255

 173, 110, 175

 255, 190, 255

 146, 85, 148

 255, 218, 255


 119, 60, 122

 255, 247, 255


 94, 36, 97


 69, 10, 73


 45, 0, 50


 18, 0, 29


 0, 0, 0


 201, 136, 202


 201, 136, 202

 201, 116, 202


 201, 156, 202

 200, 96, 202

 202, 176, 202

 200, 75, 202

 202, 197, 202

 200, 55, 202

 202, 217, 202

 199, 35, 202

 203, 237, 202

 199, 15, 202

 203, 255, 202

 199, 0, 202

 203, 255, 202

 203, 255, 202

 204, 255, 202

Harmonies

Analogous

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



153, 150, 227



201, 136, 202



227, 127, 165

Triad

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



201, 136, 202



187, 154, 80



0, 178, 190

Complementary

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



201, 136, 202



137, 202, 136

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.



30, 178, 151



201, 136, 202



149, 166, 87

Square

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



201, 136, 202



216, 140, 96



102, 174, 114



0, 173, 221

Rectangle

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



201, 136, 202



232, 127, 139



102, 174, 114



0, 178, 178

Sweetspot

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



201, 136, 202



255, 230, 255



136, 137, 202



127, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 136, 202



253, 156, 255



202, 136, 170



102, 92, 102



163, 0, 166



38, 0, 38

Inverse Universe

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



202, 136, 137



255, 156, 157



136, 202, 168



102, 92, 92



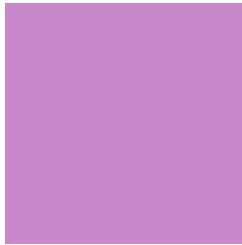
166, 0, 3



38, 0, 1

Previews

White Background



This preview shows how the RGB color 201, 136, 202 looks on a white background.

Color Contrast Check

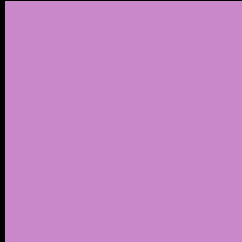
Large Text (above 18pt) WCAG AA × Fail

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, 136, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

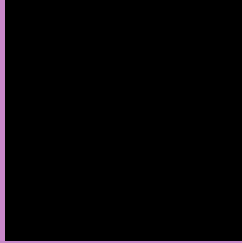
Any Text WCAG AA ✓ Pass

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, 136, 202 Background



This preview shows how black text looks on a background with the RGB color 201, 136, 202.

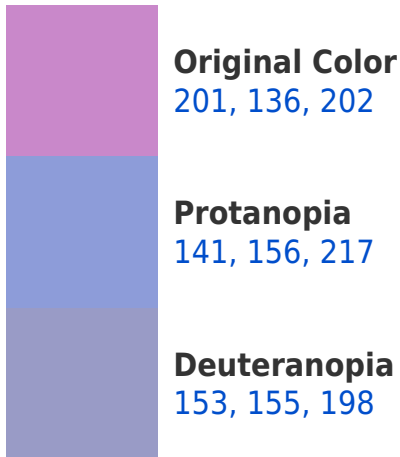



This preview shows how white text looks on a background with the RGB color 201, 136, 202.

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
195, 145, 156

Trichromacy



Original Color

201, 136, 202



Protanomaly

163, 149, 212



Deuteranomaly

170, 148, 199



Tritanomaly

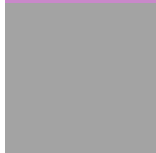
197, 142, 173

Monochromacy



Original Color

201, 136, 202



Achromatopsia

163, 163, 163



Achromatomaly

177, 153, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 136, 202 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, 136, 202)` looks like.

```
.text, #text, p{  
    color:rgb(201, 136, 202)  
}
```

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, 136, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 136, 202) }
```

Border

The CSS property to change the border of an element to RGB 201, 136, 202 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, 136, 202) }
```

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

```
.border{ border-color:rgb(201, 136, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 136, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 136, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 136, 202); box-shadow:4px 4px 4px 4px rgb(201, 136, 202) }
```

Background

The CSS property to change the background color of an element to RGB 201, 136, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 136, 202) }
```

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

```
.background{ background-color: rgb(201,  
136, 202) }
```

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