

Converting Colors

RGB(201, 83, 153)

Have a look what the booklet for
RGB(201, 83, 153) contains.

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Color

RGB(201, 83, 153)

Conversions

Conversions Part 1

Format	Color
Hex	C95399
RGB	201, 83, 153
RGB Percent	79%, 33%, 60%
CMY	0.2118, 0.6745, 0.4000
CMYK	0.00, 0.59, 0.24, 0.21
HSL	324°, 52%, 56%
HSV	324°, 59%, 79%
XYZ	32.9304, 20.9039, 32.4362
YIQ	126.2620, 47.8580, 46.7860

Conversions

Conversions Part 2

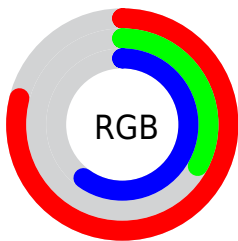
Format	Color
R_{YB}	201, 83, 153
Decimal	13194137
CIE _{Lab}	52.84, 54.43, -14.88
CIE _{LCh}	53, 56.429, 344.714
Yxy	20.9039, 0.3817, 0.2423
Android (android.graphics.Color)	4291384217 (0xFFC95399)
YUV	126.2620, 13.1818, 65.5452
Hunter-Lab	45.7208, 48.5532, -10.0582

Details

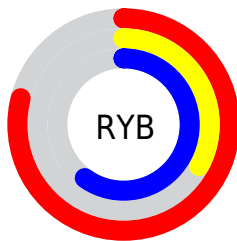
The RGB color **201, 83, 153** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **83, 201, 131**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **255, 138, 207**, and **144, 23, 102** is the 20% darker color. If you saturate the color by 10%, you get **201, 63, 145**, and if you desaturate by 10%, it is **201, 103, 161**.

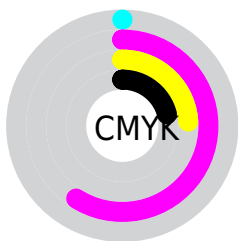
Distribution



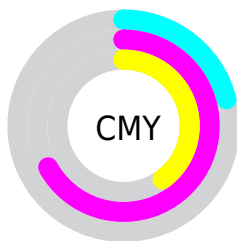
- Red (79%)
- Green (33%)
- Blue (60%)



- Red (79%)
- Yellow (33%)
- Blue (60%)



- Cyan (0%)
- Magenta (59%)
- Yellow (24%)
- Black (21%)




- Cyan (21%)
- Magenta (67%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 83, 153 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, 83, 153 by changing the saturation by 10% instead.

 201, 83, 153

255, 255, 255


 255, 138, 207

 255, 166, 236

 255, 194, 255

 255, 223, 255

 255, 252, 255

 201, 83, 153

 172, 55, 127

 144, 23, 102


 116, 0, 78


 89, 0, 55


 63, 0, 34


 36, 0, 7

 0, 0, 0

 201, 83, 153

 201, 63, 145

 201, 83, 153

 201, 103, 161

■ 201, 43, 137

■ 201, 123, 169

■ 201, 23, 128

■ 201, 143, 178

■ 201, 3, 120

■ 201, 163, 186

■ 201, 0, 119

■ 201, 184, 194

■ 201, 204, 202

■ 201, 224, 210

■ 201, 244, 218

■ 201, 255, 227

Harmonies

Analogous

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



159, 102, 196



201, 83, 153



214, 79, 104

Triad

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



201, 83, 153



128, 131, 15



0, 147, 193

Complementary

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



201, 83, 153



83, 201, 131

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.



0, 149, 149



201, 83, 153



72, 142, 52

Square

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



201, 83, 153



171, 115, 23



0, 147, 99



0, 139, 220

Rectangle

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



201, 83, 153



208, 88, 74



0, 147, 99



0, 148, 180

Sweetspot

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



201, 83, 153



255, 209, 236



130, 83, 201



128, 99, 116



0, 0, 0



128, 128, 128

Same Dimension

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



201, 83, 153



255, 77, 182



201, 83, 95



99, 90, 95



163, 0, 97



36, 0, 21

Inverse Universe

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



201, 83, 153



255, 77, 182



83, 201, 189



99, 90, 95



163, 0, 97



36, 0, 21

Previews

White Background



This preview shows how the RGB color 201, 83, 153 looks on a white background.

Color Contrast Check

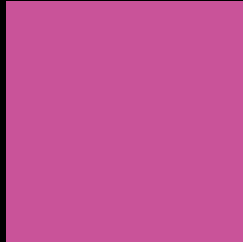
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83, 153 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 201, 83, 153 Background



This preview shows how black text looks on a background with the RGB color 201, 83, 153.

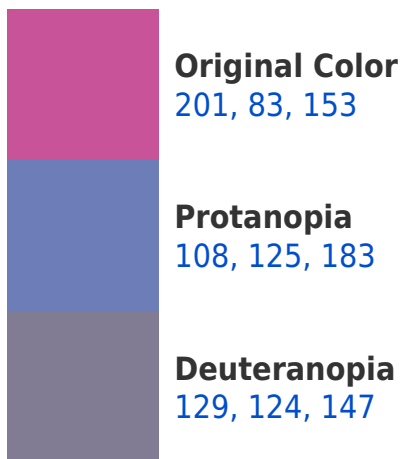


This preview shows how white text looks on a background with the RGB color 201, 83, 153.

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](#).

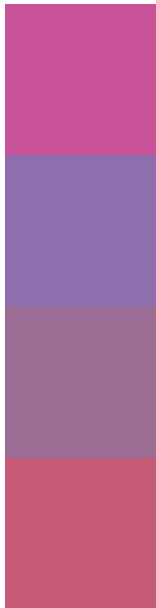
Dichromacy





Tritanopia
196, 95, 101

Trichromacy



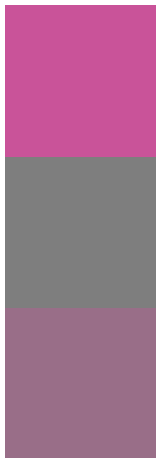
Original Color
201, 83, 153

Protanomaly
142, 110, 172

Deuteranomaly
155, 109, 149

Tritanomaly
198, 91, 120

Monochromacy



Original Color
201, 83, 153

Achromatopsia
126, 126, 126

Achromatomaly
153, 110, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 83, 153 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, 83, 153)` looks like.

```
.text, #text, p{  
    color:rgb(201, 83, 153)  
}
```

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, 83, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 83, 153) }
```

Border

The CSS property to change the border of an element to RGB 201, 83, 153 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, 83, 153) }
```

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

```
.border{ border-color:rgb(201, 83, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 83, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 83, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 83, 153); box-shadow:4px 4px 4px 4px rgb(201, 83, 153) }
```

Background

The CSS property to change the background color of an element to RGB 201, 83, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 83, 153) }
```

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

```
.background{ background-color: rgb(201, 83,  
153) }
```

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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