

Converting Colors

RGB(199, 82, 167)

Have a look what the booklet for
RGB(199, 82, 167) contains.

RGB(199, 82, 167)	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, 82, 167)

Conversions

Conversions Part 1

Format	Color
Hex	C752A7
RGB	199, 82, 167
RGB Percent	78%, 32%, 65%
CMY	0.2196, 0.6784, 0.3451
CMYK	0.00, 0.59, 0.16, 0.22
HSL	316°, 51%, 55%
HSV	316°, 59%, 78%
XYZ	33.5455, 20.9667, 38.8382
YIQ	126.6730, 42.4470, 51.2390

Conversions

Conversions Part 2

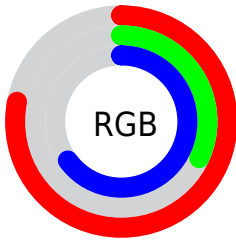
Format	Color
R _Y B	199, 82, 167
Decimal	13062823
CIE Lab	52.91, 56.31, -23.02
CIE LCh	53, 60.834, 337.761
Yxy	20.9667, 0.3594, 0.2246
Android (android.graphics.Color)	4291252903 (0xFFC752A7)
YUV	126.6730, 19.8812, 63.4308
Hunter-Lab	45.7894, 50.6384, -18.2366

Details

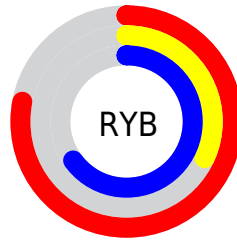
The RGB color **199, 82, 167** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **82, 199, 114**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **255, 137, 222**, and **142, 20, 115** is the 20% darker color. If you saturate the color by 10%, you get **199, 62, 162**, and if you desaturate by 10%, it is **199, 102, 172**.

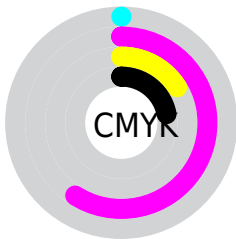
Distribution



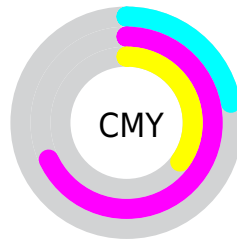
- Red (78%)
- Green (32%)
- Blue (65%)



- Red (78%)
- Yellow (32%)
- Blue (65%)



- Cyan (0%)
- Magenta (59%)
- Yellow (16%)
- Black (22%)



- Cyan (22%)
- Magenta (68%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 82, 167 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, 82, 167 by changing the saturation by 10% instead.



199, 82, 167



199, 82, 167

255, 255, 255



170, 54, 140



255, 137, 222



142, 20, 115



255, 165, 251



114, 0, 90



255, 193, 255



87, 0, 66



255, 222, 255



62, 0, 44



255, 252, 255



35, 0, 23



0, 0, 0



199, 82, 167



199, 82, 167



199, 62, 162



199, 102, 172

199, 42, 156

199, 122, 178

199, 22, 151

199, 142, 183

199, 2, 145

199, 162, 189

199, 0, 145

199, 182, 194

199, 201, 200

199, 221, 205

199, 241, 211

199, 255, 216

Harmonies

Analogous

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



145, 106, 210



199, 82, 167



219, 72, 115

Triad

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



199, 82, 167



139, 128, 0



0, 149, 189

Complementary

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



199, 82, 167



82, 199, 114

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, 150, 139



199, 82, 167



83, 141, 33

Square

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



199, 82, 167



182, 109, 18



0, 148, 84



0, 142, 223

Rectangle

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



199, 82, 167



217, 80, 81



0, 148, 84



0, 150, 174

Sweetspot

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



199, 82, 167



255, 209, 242



113, 82, 199



128, 99, 120



0, 0, 0



128, 128, 128

Same Dimension

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



199, 82, 167



255, 74, 205



199, 82, 109



99, 90, 97



163, 0, 119



36, 0, 26

Inverse Universe

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



199, 82, 167



255, 74, 205



82, 199, 172



99, 90, 97



163, 0, 119



36, 0, 26

Previews

White Background



This preview shows how the RGB color 199, 82, 167 looks on a white background.

Color Contrast Check

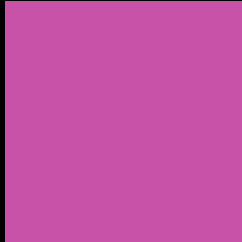
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 82, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

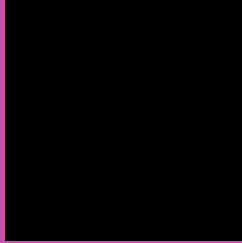
Any Text WCAG AA ✓ Pass

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 199, 82, 167 Background



This preview shows how black text looks on a background with the RGB color 199, 82, 167.

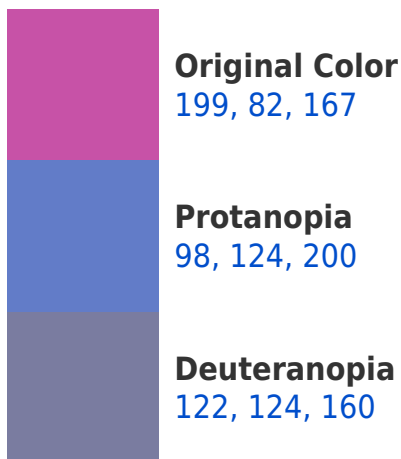


This preview shows how white text looks on a background with the RGB color 199, 82, 167.

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
193, 97, 104

Trichromacy



Original Color

199, 82, 167



Protanomaly

135, 109, 188



Deuteranomaly

150, 109, 163



Tritanomaly

195, 92, 127

Monochromacy



Original Color

199, 82, 167



Achromatopsia

127, 127, 127



Achromatomaly

153, 111, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 82, 167 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, 82, 167)` looks like.

```
.text, #text, p{  
    color:rgb(199, 82, 167)  
}
```

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, 82, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 82, 167) }
```

Border

The CSS property to change the border of an element to RGB 199, 82, 167 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, 82, 167) }
```

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

```
.border{ border-color:rgb(199, 82, 167) }
```

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

Here you see how a box with a 4 pixel rgb(199, 82, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 82, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 82, 167);  
box-shadow:4px 4px 4px 4px rgb(199, 82,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 199, 82, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 82, 167) }
```

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

```
.background{ background-color: rgb(199, 82,  
167) }
```

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