

Converting Colors

RGB(203, 155, 219)

Have a look what the booklet for
RGB(203, 155, 219) contains.

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Color

RGB(203, 155, 219)

Conversions

Conversions Part 1

Format	Color
Hex	CB9BDB
RGB	203, 155, 219
RGB Percent	80%, 61%, 86%
CMY	0.2039, 0.3922, 0.1412
CMYK	0.07, 0.29, 0.00, 0.14
HSL	285°, 47%, 73%
HSV	285°, 29%, 86%
XYZ	49.1361, 41.2537, 72.3908
YIQ	176.6480, 8.0640, 30.0800

Conversions

Conversions Part 2

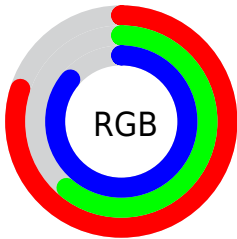
Format	Color
R_{YB}	203, 155, 219
Decimal	13343707
CIE _{Lab}	70.35, 29.08, -25.67
CIE _{LCh}	70, 38.788, 318.558
Yxy	41.2537, 0.3019, 0.2534
Android (android.graphics.Color)	4291533787 (0xFFFCB9BDB)
YUV	176.6480, 20.8795, 23.1107
Hunter-Lab	64.2290, 24.1543, -21.8639

Details

The RGB color **203, 155, 219** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 219, 155**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 210, 255**, and **148, 103, 164** is the 20% darker color. If you saturate the color by 10%, you get **198, 133, 219**, and if you desaturate by 10%, it is **208, 177, 219**.

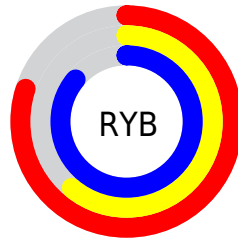
Distribution



Red (80%)

Green (61%)

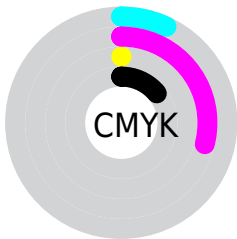
Blue (86%)



Red (80%)

Yellow (61%)

Blue (86%)

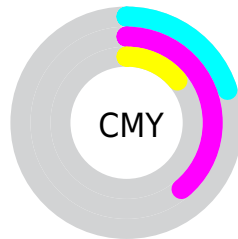


Cyan (7%)

Magenta (29%)

Yellow (0%)

Black (14%)



Cyan (20%)

Magenta (39%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 155, 219 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 203, 155, 219 by changing the saturation by 10% instead.


 203, 155, 219

255, 255, 255

 255, 210, 255

 255, 238, 255


 203, 155, 219

 175, 129, 191

 148, 103, 164

 122, 79, 137

 96, 55, 112

 71, 32, 87

 48, 9, 64


 30, 0, 42


 0, 1, 19


 0, 0, 0

 203, 155, 219

 203, 155, 219

 198, 133, 219


 208, 177, 219

 192, 111, 219

 214, 199, 219

 187, 89, 219


 219, 221, 219

 181, 67, 219

 225, 243, 219

 176, 45, 219

 230, 255, 219

 170, 24, 219

 236, 255, 219

 165, 2, 219

 241, 255, 219

 164, 0, 219

 247, 255, 219

 252, 255, 219

Harmonies

Analogous

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



156, 168, 239



203, 155, 219



232, 146, 187

Triad

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



203, 155, 219



207, 165, 103



28, 191, 193

Complementary

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



203, 155, 219



171, 219, 155

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, 190, 157



203, 155, 219



173, 177, 104

Square

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



203, 155, 219



231, 153, 121



133, 185, 124



23, 187, 224

Rectangle

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



203, 155, 219



240, 144, 163



133, 185, 124



50, 191, 181

Sweetspot

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



203, 155, 219



249, 232, 255



155, 171, 219



124, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 155, 219



233, 166, 255



219, 155, 203



107, 99, 110



130, 0, 173



34, 0, 46

Inverse Universe

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



219, 155, 171



255, 166, 188



155, 219, 171



110, 99, 101



173, 0, 43



46, 0, 11

Previews

White Background



This preview shows how the RGB color 203, 155, 219 looks on a white background.

Color Contrast Check

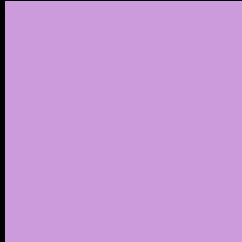
Large Text (above 18pt) WCAG AA × Fail

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 203, 155, 219 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 203, 155, 219 Background



This preview shows how black text looks on a background with the RGB color 203, 155, 219.

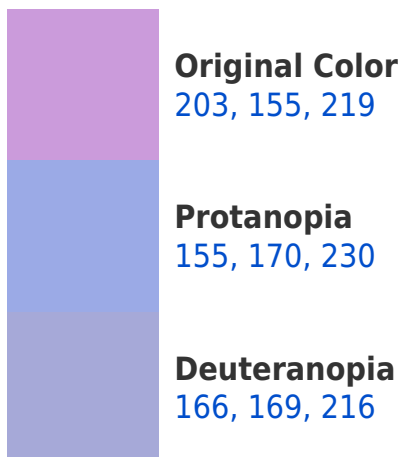



This preview shows how white text looks on a background with the RGB color 203, 155, 219.

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
197, 163, 176

Trichromacy



Original Color

203, 155, 219



Protanomaly

172, 165, 226



Deuteranomaly

179, 164, 217



Tritanomaly

199, 160, 192

Monochromacy



Original Color

203, 155, 219



Achromatopsia

177, 177, 177



Achromatomaly

186, 169, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 155, 219 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(203, 155, 219)` looks like.

```
.text, #text, p{  
    color:rgb(203, 155, 219)  
}
```

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(203, 155, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 155, 219) }
```

Border

The CSS property to change the border of an element to RGB 203, 155, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

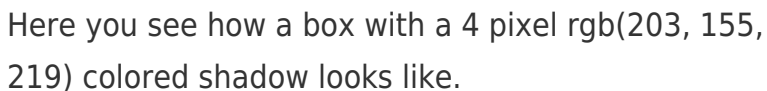
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 155, 219) }
```

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

```
.border{ border-color:rgb(203, 155, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 155, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 155, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 155, 219);  
box-shadow:4px 4px 4px 4px rgb(203, 155,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 203, 155, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 155, 219) }
```

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

```
.background{ background-color: rgb(203,  
155, 219) }
```

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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