

Converting Colors

`RYB(209, 139, 163)`

Have a look what the booklet for
RYB(209, 139, 163) contains.

RYB(209, 139, 163)	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

$\text{RYB}(209, 139, 163)$

Conversions

Conversions Part 1

Format	Color
Hex	D18BA3
RGB	209, 139, 163
RGB Percent	82%, 55%, 64%
CMY	0.1804, 0.4549, 0.3608
CMYK	0.00, 0.33, 0.22, 0.18
HSL	339°, 43%, 68%
HSV	339°, 33%, 82%
XYZ	42.1380, 34.6649, 39.1204
YIQ	162.6660, 34.0160, 22.3040

Conversions

Conversions Part 2

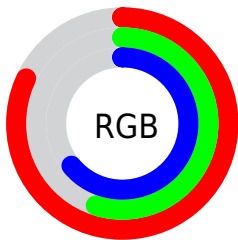
Format	Color
R _Y B	209, 139, 163
Decimal	13732771
CIE Lab	65.49, 30.02, -1.69
CIE LCh	65, 30.065, 356.783
Yxy	34.6649, 0.3635, 0.2990
Android (android.graphics.Color)	4291922851 (0xFFD18BA3)
YUV	162.6660, 0.1647, 40.6349
Hunter-Lab	58.8769, 24.7172, 1.8189

Details

The RYB color **209, 139, 163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **139, 181, 209**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 193, 218**, and **153, 88, 111** is the 20% darker color. If you saturate the color by 10%, you get **209, 118, 149**, and if you desaturate by 10%, it is **209, 160, 177**.

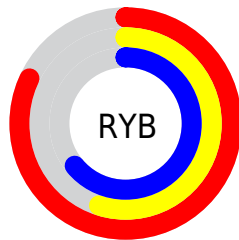
Distribution



Red (82%)

Green (55%)

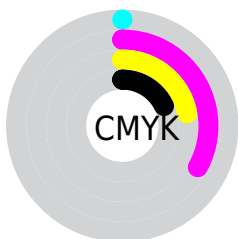
Blue (64%)



Red (82%)

Yellow (55%)

Blue (64%)

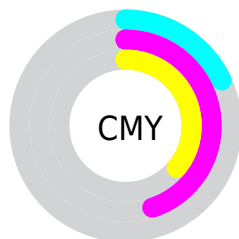


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (18%)



Cyan (18%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 209, 139, 163 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 RYB color 209, 139, 163 by changing the saturation by 10% instead.

 209, 139, 163

 209, 139, 163


255, 255, 255

 181, 113, 137

 255, 193, 218

 153, 88, 111

 255, 221, 246

 126, 63, 87

 255, 250, 255

 100, 40, 64

 75, 15, 42

 50, 0, 22

 23, 0, 0

 0, 0, 0

 209, 139, 163

 209, 139, 163

 209, 118, 149


 209, 160, 177

 209, 97, 136

 209, 181, 190

 209, 76, 122

 209, 202, 204

 209, 55, 108

 209, 218, 223

 209, 35, 94

 209, 230, 244

 209, 14, 81

 209, 235, 255

 209, 0, 72

 209, 232, 255

Harmonies

Analogous

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



191, 144, 189



209, 139, 163



212, 140, 136

Triad

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



209, 139, 163



110, 165, 122



81, 132, 203

Complementary

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



209, 139, 163



139, 181, 209

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.



69, 123, 182



209, 139, 163



121, 164, 171

Square

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



209, 139, 163



140, 180, 105



90, 137, 174



119, 148, 212

Rectangle

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



209, 139, 163



207, 152, 121



90, 137, 174



73, 128, 197

Sweetspot

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



209, 139, 163



255, 230, 238



185, 139, 209



128, 112, 117



0, 0, 0



128, 128, 128

Same Dimension

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



209, 139, 163



255, 153, 188



209, 152, 139



105, 94, 98



168, 0, 58



41, 0, 14

Inverse Universe

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



209, 139, 163



255, 153, 188



139, 171, 209



105, 94, 98



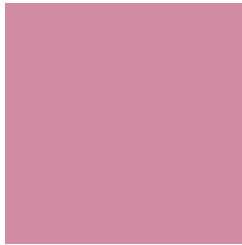
168, 0, 58



41, 0, 14

Previews

White Background



This preview shows how the RYB color 209, 139, 163 looks on a white background.

Color Contrast Check

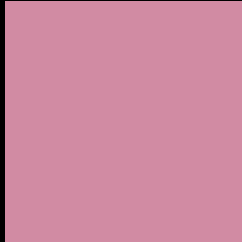
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 209, 139, 163 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](#).

RYB 209, 139, 163 Background



This preview shows how black text looks on a background with the RYB color 209, 139, 163.

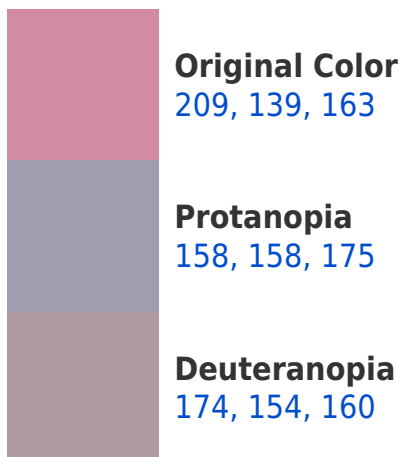



This preview shows how white text looks on a background with the RYB color 209, 139, 163.

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
208, 141, 152

Trichromacy



Original Color
209, 139, 163

Protanomaly
177, 151, 171

Deuteranomaly
187, 149, 161

Tritanomaly
208, 140, 156

Monochromacy



Original Color
209, 139, 163

Achromatopsia
163, 163, 163

Achromatomaly
180, 154, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 139, 163 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(209, 139, 163) looks like.

```
.text, #text, p{  
    color:rgb(209, 139, 163)  
}
```

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(209, 139, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 139, 163) }
```

Border

The CSS property to change the border of an element to RYB 209, 139, 163 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(209, 139, 163) }
```

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

```
.border{ border-color:rgb(209, 139, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 139, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 139, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 139, 163);  
box-shadow:4px 4px 4px 4px rgb(209, 139,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 209, 139, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 139, 163) }
```

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

```
.background{ background-color: rgb(209,  
139, 163) }
```

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