

Converting Colors

`RYB(182, 139, 185)`

Have a look what the booklet for RYB(182, 139, 185) contains.

RYB(182, 139, 185)	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

R_YB(182, 139, 185)

Conversions

Conversions Part 1

Format	Color
Hex	B68BB9
RGB	182, 139, 185
RGB Percent	71%, 55%, 73%
CMY	0.2863, 0.4549, 0.2745
CMYK	0.02, 0.25, 0.00, 0.27
HSL	296°, 25%, 64%
HSV	296°, 25%, 73%
XYZ	37.2810, 31.9131, 50.0939
YIQ	157.1010, 10.8620, 23.4220

Conversions

Conversions Part 2

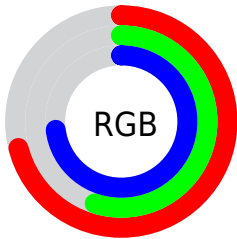
Format	Color
RYB	182, 139, 185
Decimal	11963321
CIELab	63.27, 24.32, -17.72
CIElCh	63, 30.092, 323.917
Yxy	31.9131, 0.3125, 0.2675
Android (android.graphics.Color)	4290153401 (0xFFB68BB9)
YUV	157.1010, 13.7542, 21.8364
Hunter-Lab	56.4917, 18.9384, -13.0311

Details

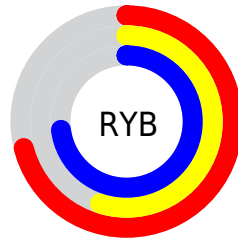
The RYB color **182, 139, 185** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **139, 185, 182**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **238, 193, 241**, and **128, 88, 132** is the 20% darker color. If you saturate the color by 10%, you get **181, 121, 185**, and if you desaturate by 10%, it is **183, 157, 185**.

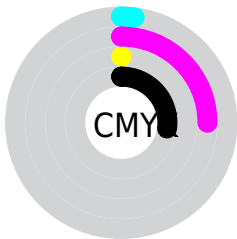
Distribution



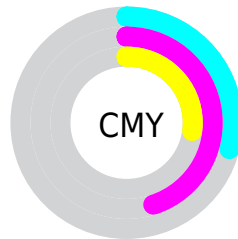
- Red (71%)
- Green (55%)
- Blue (73%)



- Red (71%)
- Yellow (55%)
- Blue (73%)



- Cyan (2%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 139, 185 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 182, 139, 185 by changing the saturation by 10% instead.

 182, 139, 185

255, 255, 255

 238, 193, 241


 255, 221, 255

 255, 250, 255

 182, 139, 185

 155, 113, 158

 128, 88, 132

 103, 65, 107


 78, 42, 82

 55, 20, 59


 34, 0, 37

 0, 1, 14


 0, 0, 0

 182, 139, 185

 182, 139, 185

 181, 121, 185

 183, 157, 185

 180, 102, 185

 184, 176, 185

 178, 83, 185


 185, 195, 194

 177, 65, 185

 185, 213, 211

 176, 47, 185

 185, 231, 228

 175, 28, 185

 185, 250, 246

 174, 9, 185

 185, 255, 250

 173, 0, 185

 185, 255, 248

 185, 255, 247

Harmonies

Analogous

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



149, 148, 202



182, 139, 185



202, 133, 160

Triad

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



182, 139, 185



142, 177, 100



63, 117, 174

Complementary

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



182, 139, 185



139, 185, 182

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, 133, 167



182, 139, 185



104, 158, 113

Square

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



182, 139, 185



197, 157, 111



119, 162, 164



72, 125, 196

Rectangle

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



182, 139, 185



206, 133, 142



119, 162, 164



69, 119, 168

Sweetspot

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



182, 139, 185



239, 223, 240



139, 142, 185



119, 110, 120



247, 247, 247



120, 120, 120

Same Dimension

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



182, 139, 185



235, 168, 240



185, 139, 165



91, 83, 92



145, 0, 156



26, 0, 28

Inverse Universe

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



185, 139, 142



240, 168, 172



139, 171, 185



92, 83, 83



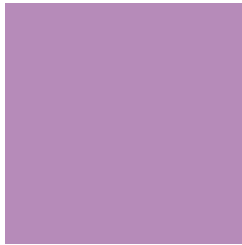
156, 0, 10



28, 0, 2

Previews

White Background



This preview shows how the RYB color 182, 139, 185 looks on a white background.

Color Contrast Check

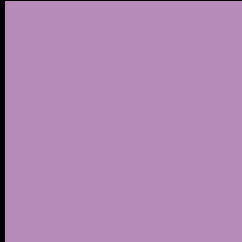
Large Text (above 18pt) WCAG AA × Fail

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 182, 139, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

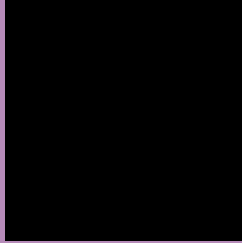
Any Text WCAG AA ✓ Pass

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 182, 139, 185 Background



This preview shows how black text looks on a background with the RYB color 182, 139, 185.



This preview shows how white text looks on a background with the RYB color 182, 139, 185.

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



Original Color
182, 139, 185

Protanopia
143, 151, 194

Deuteranopia
154, 150, 183



Tritanopia
178, 144, 156

Trichromacy



Original Color

182, 139, 185

Protanomaly

157, 147, 191

Deuteranomaly

164, 146, 184

Tritanomaly

179, 142, 167

Monochromacy



Original Color

182, 139, 185

Achromatopsia

157, 157, 157

Achromatomaly

166, 150, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 139, 185 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(182, 139, 185)` looks like.

```
.text, #text, p{  
    color:rgb(182, 139, 185)  
}
```

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(182, 139, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 139, 185) }
```

Border

The CSS property to change the border of an element to RYB 182, 139, 185 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(182, 139, 185) }
```

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

```
.border{ border-color:rgb(182, 139, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 139, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 139, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 139, 185);  
box-shadow:4px 4px 4px 4px rgb(182, 139,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 182, 139, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 139, 185) }
```

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

```
.background{ background-color: rgb(182,  
139, 185) }
```

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