

Converting Colors

`RYB(185, 141, 175)`

Have a look what the booklet for
RYB(185, 141, 175) contains.

RYB(185, 141, 175)	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

$\text{RYB}(185, 141, 175)$

Conversions

Conversions Part 1

Format	Color
Hex	B98DAF
RGB	185, 141, 175
RGB Percent	73%, 55%, 69%
CMY	0.2745, 0.4471, 0.3137
CMYK	0.00, 0.24, 0.05, 0.27
HSL	314°, 24%, 64%
HSV	314°, 24%, 73%
XYZ	37.2703, 32.4592, 44.8583
YIQ	158.0320, 15.3100, 19.9020

Conversions

Conversions Part 2

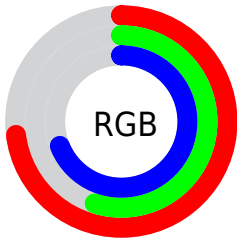
Format	Color
RYB	185, 141, 175
Decimal	12160431
CIELab	63.72, 22.35, -11.37
CIELCh	64, 25.072, 333.034
Yxy	32.4592, 0.3253, 0.2833
Android (android.graphics.Color)	4290350511 (0xFFB98DAF)
YUV	158.0320, 8.3652, 23.6509
Hunter-Lab	56.9730, 17.0677, -6.8016

Details

The RYB color **185, 141, 175** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **141, 177, 185**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **241, 195, 231**, and **131, 90, 123** is the 20% darker color. If you saturate the color by 10%, you get **185, 123, 171**, and if you desaturate by 10%, it is **185, 160, 179**.

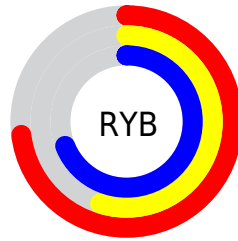
Distribution



Red (73%)

Green (55%)

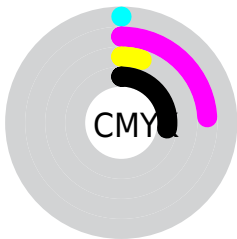
Blue (69%)



Red (73%)

Yellow (55%)

Blue (69%)

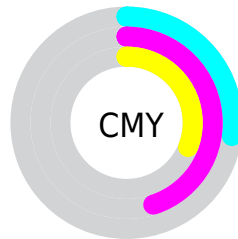


Cyan (0%)

Magenta (24%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (45%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 141, 175 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 185, 141, 175 by changing the saturation by 10% instead.


 185, 141, 175

 185, 141, 175

255, 255, 255

 158, 115, 148


 241, 195, 231

 131, 90, 123

 255, 223, 255

 106, 66, 98

 255, 252, 255

 81, 44, 74


 57, 22, 51

 36, 0, 30

 0, 0, 1

 0, 0, 0

 185, 141, 175

 185, 141, 175

185, 123, 171

185, 160, 179

185, 104, 167

185, 178, 183

185, 86, 162

185, 195, 197

185, 67, 158

185, 209, 215

185, 49, 154

185, 225, 234

185, 30, 150

185, 240, 252

185, 12, 146

185, 240, 255

185, 0, 143

185, 237, 255

185, 235, 255

Harmonies

Analogous

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



161, 148, 192



185, 141, 175



198, 138, 153

Triad

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



185, 141, 175



128, 168, 110



86, 129, 178

Complementary

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



185, 141, 175



141, 177, 185

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.



96, 134, 167



185, 141, 175



116, 160, 132

Square

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



185, 141, 175



187, 169, 115



118, 154, 165



100, 137, 193

Rectangle

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



185, 141, 175



200, 139, 138



118, 154, 165



87, 128, 171

Sweetspot

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



185, 141, 175



240, 223, 236



151, 141, 185



120, 110, 118



247, 247, 247



120, 120, 120

Same Dimension

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



185, 141, 175



240, 170, 224



185, 141, 153



92, 83, 90



156, 0, 120



28, 0, 22

Inverse Universe

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



185, 141, 175



240, 170, 224



141, 166, 185



92, 83, 90



156, 0, 120



28, 0, 22

Previews

White Background



This preview shows how the RYB color 185, 141, 175 looks on a white background.

Color Contrast Check

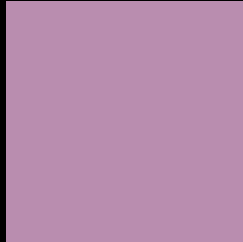
Large Text (above 18pt) WCAG AA × Fail

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 185, 141, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

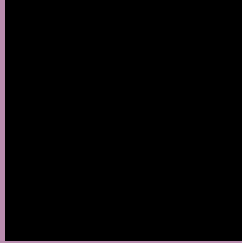
Any Text WCAG AA ✓ Pass

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 185, 141, 175 Background



This preview shows how black text looks on a background with the RYB color 185, 141, 175.

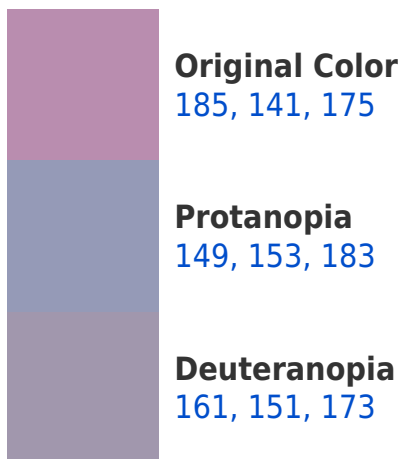


This preview shows how white text looks on a background with the RYB color 185, 141, 175.

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
182, 144, 156

Trichromacy



Original Color
185, 141, 175

Protanomaly
162, 149, 180

Deuteranomaly
170, 147, 174

Tritanomaly
183, 143, 163

Monochromacy



Original Color
185, 141, 175

Achromatopsia
158, 158, 158

Achromatomaly
168, 152, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 141, 175 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(185, 141, 175)` looks like.

```
.text, #text, p{  
    color:rgb(185, 141, 175)  
}
```

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(185, 141, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 141, 175) }
```

Border

The CSS property to change the border of an element to RYB 185, 141, 175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

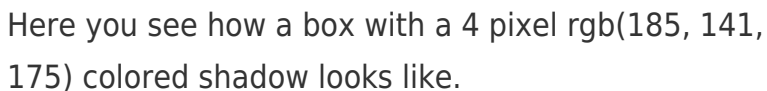
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 141, 175) }
```

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

```
.border{ border-color:rgb(185, 141, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 141, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 141, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 141, 175);  
box-shadow:4px 4px 4px 4px rgb(185, 141,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 185, 141, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 141, 175) }
```

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

```
.background{ background-color: rgb(185,  
141, 175) }
```

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