

Converting Colors

`RYB(181, 138, 159)`

Have a look what the booklet for
RYB(181, 138, 159) contains.

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Color

R_YB(181, 138, 159)

Conversions

Conversions Part 1

Format	Color
Hex	B58A9F
RGB	181, 138, 159
RGB Percent	71%, 54%, 62%
CMY	0.2902, 0.4588, 0.3765
CMYK	0.00, 0.24, 0.12, 0.29
HSL	331°, 23%, 63%
HSV	331°, 24%, 71%
XYZ	34.4025, 30.5039, 36.8755
YIQ	153.2510, 18.8870, 15.6470

Conversions

Conversions Part 2

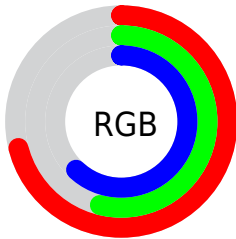
Format	Color
RYB	181, 138, 159
Decimal	11897503
CIELab	62.09, 19.75, -4.78
CIElCh	62, 20.321, 346.405
Yxy	30.5039, 0.3380, 0.2997
Android (android.graphics.Color)	4290087583 (0xFFB58A9F)
YUV	153.2510, 2.8343, 24.3359
Hunter-Lab	55.2304, 14.5331, -0.9248

Details

The RYB color **181, 138, 159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **138, 166, 181**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **237, 192, 214**, and **128, 88, 108** is the 20% darker color. If you saturate the color by 10%, you get **181, 120, 150**, and if you desaturate by 10%, it is **181, 156, 168**.

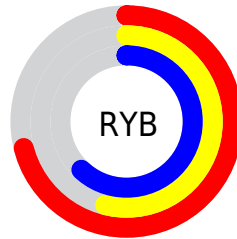
Distribution



Red (71%)

Green (54%)

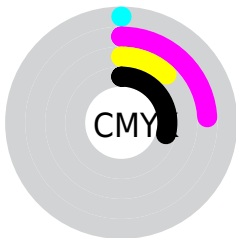
Blue (62%)



Red (71%)

Yellow (54%)

Blue (62%)

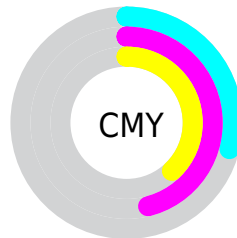


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (46%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 138, 159 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 181, 138, 159 by changing the saturation by 10% instead.


 181, 138, 159


255, 255, 255

 237, 192, 214

 255, 220, 242

 255, 248, 255

 181, 138, 159

 154, 112, 133

 128, 88, 108


 102, 64, 83


 77, 41, 60


 54, 20, 39


 34, 0, 18


 0, 0, 0


 181, 138, 159


 181, 120, 150


 181, 138, 159


 181, 156, 168


 181, 102, 140


 181, 174, 178


 181, 84, 131


 181, 188, 192

 181, 66, 122

 181, 200, 210

 181, 47, 113

 181, 213, 229

 181, 29, 103


 181, 225, 247

 181, 11, 94

 181, 228, 255

 181, 0, 88

 181, 224, 255

 181, 222, 255

Harmonies

Analogous

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



165, 142, 175



181, 138, 159



187, 137, 141

Triad

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



181, 138, 159



116, 153, 115



102, 134, 175

Complementary

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



181, 138, 159



138, 166, 181

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.



101, 131, 160



181, 138, 159



125, 157, 149

Square

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



181, 138, 159



160, 171, 115



113, 142, 160



118, 141, 185

Rectangle

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



181, 138, 159



186, 141, 129



113, 142, 160



99, 132, 171

Sweetspot

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



181, 138, 159



235, 218, 226



160, 138, 181



117, 108, 112



245, 245, 245



117, 117, 117

Same Dimension

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



181, 138, 159



235, 167, 200



181, 138, 138



89, 80, 85



153, 0, 75



26, 0, 12

Inverse Universe

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



181, 138, 159



235, 167, 200



138, 160, 181



89, 80, 85



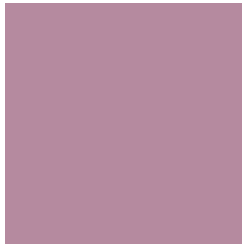
153, 0, 75



26, 0, 12

Previews

White Background



This preview shows how the RYB color 181, 138, 159 looks on a white background.

Color Contrast Check

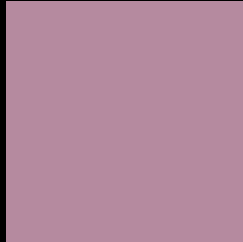
Large Text (above 18pt) WCAG AA × Fail

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 181, 138, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

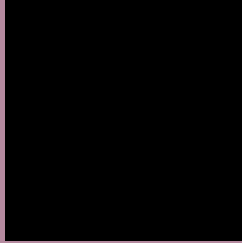
Any Text WCAG AA ✓ Pass

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 181, 138, 159 Background



This preview shows how black text looks on a background with the RYB color 181, 138, 159.



This preview shows how white text looks on a background with the RYB color 181, 138, 159.

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
181, 138, 159

Protanopia
148, 149, 166

Deuteranopia
162, 146, 158



Tritanopia
180, 139, 150

Trichromacy



Original Color
181, 138, 159

Protanomaly
160, 145, 163

Deuteranomaly
169, 143, 158

Tritanomaly
180, 139, 153

Monochromacy



Original Color
181, 138, 159

Achromatopsia
153, 153, 153

Achromatomaly
163, 148, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 138, 159 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(181, 138, 159)` looks like.

```
.text, #text, p{  
    color:rgb(181, 138, 159)  
}
```

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(181, 138, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 138, 159) }
```

Border

The CSS property to change the border of an element to RYB 181, 138, 159 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(181, 138, 159) }
```

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

```
.border{ border-color:rgb(181, 138, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 138, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 138, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 138, 159);  
box-shadow:4px 4px 4px 4px rgb(181, 138,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 181, 138, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 138, 159) }
```

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

```
.background{ background-color: rgb(181,  
138, 159) }
```

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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