

Converting Colors

`RYB(181, 141, 193)`

Have a look what the booklet for RYB(181, 141, 193) contains.

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Color

R_YB(181, 141, 193)

Conversions

Conversions Part 1

Format	Color
Hex	B58DC1
RGB	181, 141, 193
RGB Percent	71%, 55%, 76%
CMY	0.2902, 0.4471, 0.2431
CMYK	0.06, 0.27, 0.00, 0.24
HSL	286°, 30%, 65%
HSV	286°, 27%, 76%
XYZ	38.2066, 32.7238, 54.7547
YIQ	158.8880, 7.1480, 24.6520

Conversions

Conversions Part 2

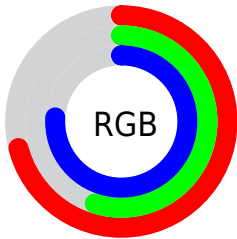
Format	Color
RYB	181, 141, 193
Decimal	11898305
CIELab	63.94, 24.45, -21.22
CIElCh	64, 32.379, 319.048
Yxy	32.7238, 0.3040, 0.2604
Android (android.graphics.Color)	4290088385 (0xFFB58DC1)
YUV	158.8880, 16.8172, 19.3922
Hunter-Lab	57.2047, 19.1106, -16.7074

Details

The RYB color **181, 141, 193** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **141, 193, 181**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **237, 195, 250**, and **128, 90, 139** is the 20% darker color. If you saturate the color by 10%, you get **177, 122, 193**, and if you desaturate by 10%, it is **185, 160, 193**.

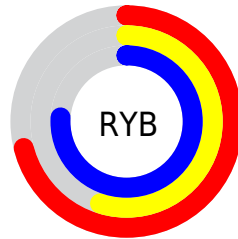
Distribution



Red (71%)

Green (55%)

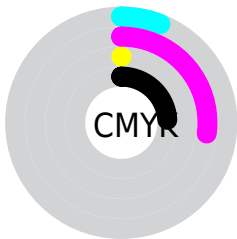
Blue (76%)



Red (71%)

Yellow (55%)

Blue (76%)

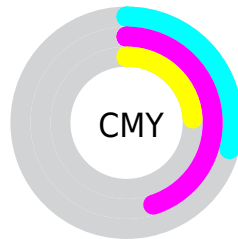


Cyan (6%)

Magenta (27%)

Yellow (0%)

Black (24%)



Cyan (29%)


Magenta (45%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RYB color 181, 141, 193 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, 141, 193 by changing the saturation by 10% instead.


 181, 141, 193


255, 255, 255

 237, 195, 250

 255, 223, 255

 255, 252, 255

 181, 141, 193

 154, 115, 166

 128, 90, 139

 102, 66, 114


 77, 44, 89


 54, 22, 65

 32, 0, 43

 0, 1, 22

 0, 0, 0

 181, 141, 193

 181, 141, 193

■ 177, 122, 193

■ 185, 160, 193

■ 172, 102, 193

■ 190, 180, 193

■ 168, 83, 193

■ 193, 199, 198

■ 163, 64, 193

■ 193, 218, 212

■ 159, 45, 193

■ 193, 237, 227

■ 154, 25, 193

■ 193, 255, 240

■ 150, 6, 193

■ 193, 255, 236

■ 148, 0, 193

■ 193, 255, 231

■ 193, 255, 227

Harmonies

Analogous

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



143, 150, 209



181, 141, 193



205, 134, 167

Triad

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



181, 141, 193



154, 184, 98



55, 113, 173

Complementary

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



181, 141, 193



141, 193, 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.



87, 137, 170



181, 141, 193



100, 159, 103

Square

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



181, 141, 193



204, 151, 113



116, 166, 159



56, 118, 198

Rectangle

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



181, 141, 193



211, 133, 147



116, 166, 159



64, 120, 171

Sweetspot

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



181, 141, 193



245, 230, 250



141, 151, 193



122, 112, 125



252, 252, 252



125, 125, 125

Same Dimension

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



181, 141, 193



231, 170, 250



193, 141, 179



95, 87, 97



124, 0, 161



25, 0, 33

Inverse Universe

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



193, 141, 153



250, 170, 188



141, 182, 193



97, 87, 89



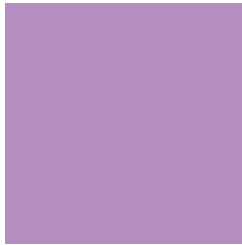
161, 0, 37



33, 0, 8

Previews

White Background



This preview shows how the RYB color 181, 141, 193 looks on a white background.

Color Contrast Check

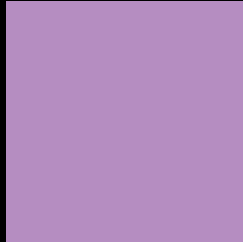
Large Text (above 18pt) WCAG AA × Fail

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, 141, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

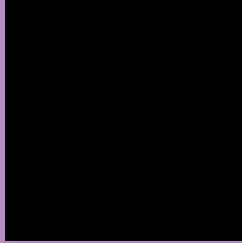
Any Text WCAG AA ✓ Pass

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, 141, 193 Background



This preview shows how black text looks on a background with the RYB color 181, 141, 193.



This preview shows how white text looks on a background with the RYB color 181, 141, 193.

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, 141, 193

Protanopia
142, 151, 202

Deuteranopia
152, 152, 191



Tritanopia
176, 147, 159

Trichromacy



Original Color
181, 141, 193

Protanomaly
156, 149, 199

Deuteranomaly
163, 148, 192

Tritanomaly
178, 145, 171

Monochromacy



Original Color
181, 141, 193

Achromatopsia
159, 159, 159

Achromatomaly
167, 152, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 141, 193 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, 141, 193)` looks like.

```
.text, #text, p{  
    color:rgb(181, 141, 193)  
}
```

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, 141, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 141, 193) }
```

Border

The CSS property to change the border of an element to RYB 181, 141, 193 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, 141, 193) }
```

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

```
.border{ border-color:rgb(181, 141, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 141, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 141, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 141, 193);  
box-shadow:4px 4px 4px 4px rgb(181, 141,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 181, 141, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 141, 193) }
```

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

```
.background{ background-color: rgb(181,  
141, 193) }
```

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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