

Converting Colors

`RYB(181, 130, 185)`

Have a look what the booklet for
RYB(181, 130, 185) contains.

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Color

R_YB(181, 130, 185)

Conversions

Conversions Part 1

Format	Color
Hex	B582B9
RGB	181, 130, 185
RGB Percent	71%, 51%, 73%
CMY	0.2902, 0.4902, 0.2745
CMYK	0.02, 0.30, 0.00, 0.27
HSL	296°, 28%, 62%
HSV	296°, 30%, 73%
XYZ	35.7956, 29.2918, 49.6662
YIQ	151.5190, 12.7410, 27.9170

Conversions

Conversions Part 2

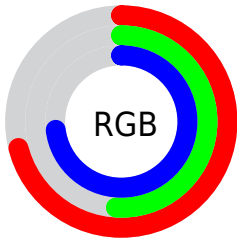
Format	Color
RYB	181, 130, 185
Decimal	11895481
CIELab	61.04, 29.02, -21.13
CIElCh	61, 35.895, 323.935
Yxy	29.2918, 0.3119, 0.2553
Android (android.graphics.Color)	4290085561 (0xFFB582B9)
YUV	151.5190, 16.5061, 25.8548
Hunter-Lab	54.1219, 23.3446, -16.5235

Details

The RYB color **181, 130, 185** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **130, 185, 181**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **238, 184, 241**, and **127, 80, 132** is the 20% darker color. If you saturate the color by 10%, you get **180, 112, 185**, and if you desaturate by 10%, it is **182, 149, 185**.

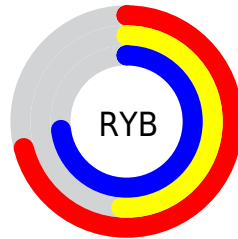
Distribution



Red (71%)

Green (51%)

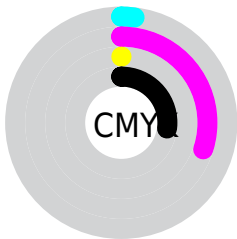
Blue (73%)



Red (71%)

Yellow (51%)

Blue (73%)

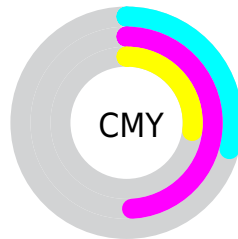


Cyan (2%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (29%)


Magenta (49%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the RYB color 181, 130, 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 181, 130, 185 by changing the saturation by 10% instead.


 181, 130, 185


255, 255, 255

 238, 184, 241


 255, 211, 255

 255, 240, 255

 181, 130, 185

 154, 104, 158

 127, 80, 132

 102, 56, 106


 77, 33, 82


 53, 9, 59

 34, 0, 37

 0, 1, 13

 0, 0, 0

 181, 130, 185

 181, 130, 185

180, 112, 185

182, 149, 185

178, 93, 185

184, 167, 185

177, 74, 185

185, 186, 186

176, 56, 185

185, 204, 203

174, 38, 185

185, 222, 219

173, 19, 185

185, 241, 237

172, 1, 185

185, 255, 250

172, 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.



141, 141, 205



181, 130, 185



204, 123, 155

Triad

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



181, 130, 185



131, 174, 84



0, 84, 172

Complementary

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



181, 130, 185



130, 185, 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.



60, 119, 164



181, 130, 185



88, 153, 99

Square

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



181, 130, 185



197, 151, 97



105, 156, 160



9, 93, 198

Rectangle

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



181, 130, 185



209, 123, 134



105, 156, 160



15, 90, 164

Sweetspot

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



181, 130, 185



238, 218, 240



130, 135, 185



119, 107, 120



247, 247, 247



120, 120, 120

Same Dimension

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



181, 130, 185



233, 153, 240



185, 130, 162



91, 83, 92



144, 0, 156



26, 0, 28

Inverse Universe

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



185, 130, 134



240, 153, 160



130, 169, 185



92, 83, 83



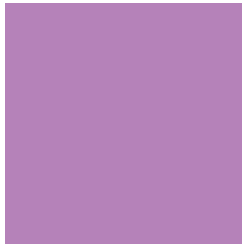
156, 0, 11



28, 0, 2

Previews

White Background



This preview shows how the RYB color 181, 130, 185 looks on a white background.

Color Contrast Check

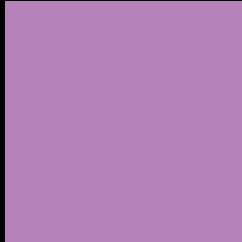
Large Text (above 18pt) WCAG AA ✓ Pass

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, 130, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

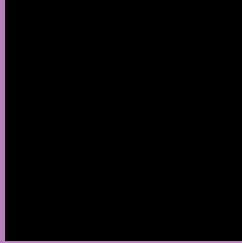
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 181, 130, 185 Background



This preview shows how black text looks on a background with the RYB color 181, 130, 185.

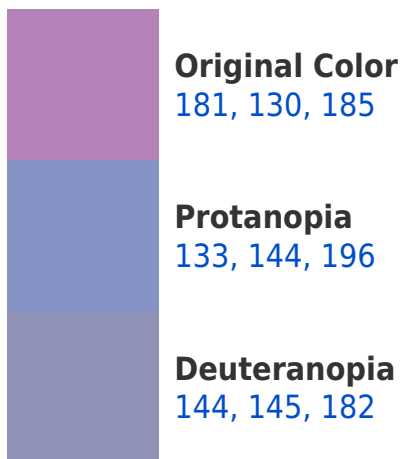



This preview shows how white text looks on a background with the RYB color 181, 130, 185.

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





Tritanopia
176, 137, 148

Trichromacy



Original Color
181, 130, 185

Protanomaly
150, 140, 192

Deuteranomaly
157, 140, 183

Tritanomaly
178, 134, 161

Monochromacy



Original Color
181, 130, 185

Achromatopsia
152, 152, 152

Achromatomaly
163, 144, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 130, 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(181, 130, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 130, 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(181, 130, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 130, 185) }
```

Border

The CSS property to change the border of an element to RYB 181, 130, 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(181, 130, 185) }
```

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

```
.border{ border-color:rgb(181, 130, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 130, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 130, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 130, 185); box-shadow:4px 4px 4px 4px rgb(181, 130, 185) }
```

Background

The CSS property to change the background color of an element to RYB 181, 130, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 130, 185) }
```

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

```
.background{ background-color: rgb(181,  
130, 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](#).

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