

Converting Colors

`RYB(181, 98, 129)`

Have a look what the booklet for
RYB(181, 98, 129) contains.

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Color

`RYB(181, 98, 129)`

Conversions

Conversions Part 1

Format	Color
Hex	B56281
RGB	181, 98, 129
RGB Percent	71%, 38%, 51%
CMY	0.2902, 0.6157, 0.4941
CMYK	0.00, 0.46, 0.29, 0.29
HSL	338°, 36%, 55%
HSV	338°, 46%, 71%
XYZ	27.3862, 20.1441, 23.2137
YIQ	126.3510, 39.5170, 27.2370

Conversions

Conversions Part 2

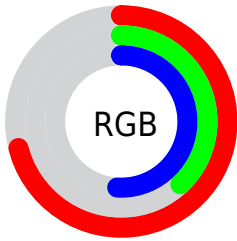
Format	Color
R_{YB}	181, 98, 129
Decimal	11887233
CIE _{Lab}	52.00, 37.14, -2.24
CIE _{LCh}	52, 37.209, 356.552
Yxy	20.1441, 0.3871, 0.2847
Android (android.graphics.Color)	4290077313 (0xFFB56281)
YUV	126.3510, 1.3060, 47.9272
Hunter-Lab	44.8822, 30.3732, 0.7519

Details

The RYB color **181, 98, 129** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **98, 149, 181**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **239, 151, 182**, and **126, 48, 80** is the 20% darker color. If you saturate the color by 10%, you get **181, 80, 118**, and if you desaturate by 10%, it is **181, 116, 140**.

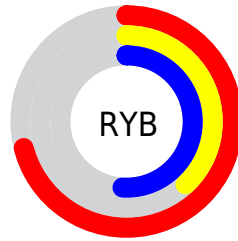
Distribution



Red (71%)

Green (38%)

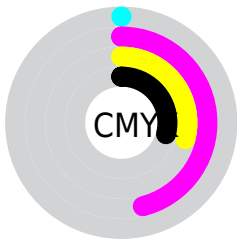
Blue (51%)



Red (71%)

Yellow (38%)

Blue (51%)

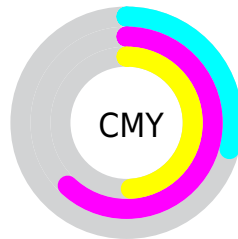


Cyan (0%)

Magenta (46%)

Yellow (29%)

Black (29%)



Cyan (29%)


Magenta (62%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 98, 129 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, 98, 129 by changing the saturation by 10% instead.

 181, 98, 129


255, 255, 255

 239, 151, 182

 255, 178, 209

 255, 206, 238

 255, 234, 255

 181, 98, 129

 153, 73, 104

 126, 48, 80


 99, 22, 57


 73, 0, 36


 50, 0, 14


 7, 0, 0


 0, 0, 0


 181, 98, 129


 181, 80, 118


 181, 98, 129

 181, 116, 140


 181, 62, 106

 181, 134, 152


 181, 44, 95


 181, 152, 163


 181, 26, 84

 181, 170, 174


 181, 7, 72


 181, 186, 189

 181, 0, 68

 181, 197, 207

 181, 208, 225

 181, 219, 243

 181, 225, 255

Harmonies

Analogous

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



160, 105, 160



181, 98, 129



184, 100, 97

Triad

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



181, 98, 129



65, 131, 81



0, 77, 176

Complementary

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



181, 98, 129



98, 149, 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.



0, 73, 151



181, 98, 129



76, 127, 137

Square

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



181, 98, 129



96, 147, 59



1, 76, 140



61, 105, 187

Rectangle

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



181, 98, 129



177, 116, 79



1, 76, 140



0, 76, 169

Sweetspot

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



181, 98, 129



235, 202, 214



149, 98, 181



117, 97, 105



245, 245, 245



117, 117, 117

Same Dimension

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



181, 98, 129



235, 106, 154



181, 109, 98



89, 80, 84



153, 0, 57



26, 0, 10

Inverse Universe

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



181, 98, 129



235, 106, 154



98, 137, 181



89, 80, 84



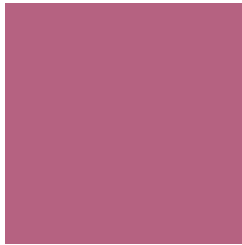
153, 0, 57



26, 0, 10

Previews

White Background



This preview shows how the RYB color 181, 98, 129 looks on a white background.

Color Contrast Check

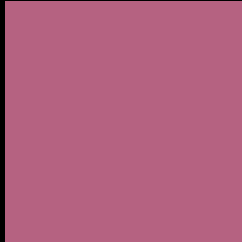
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98, 129 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](#).

R Y B 181, 98, 129 Background



This preview shows how black text looks on a background with the RYB color 181, 98, 129.

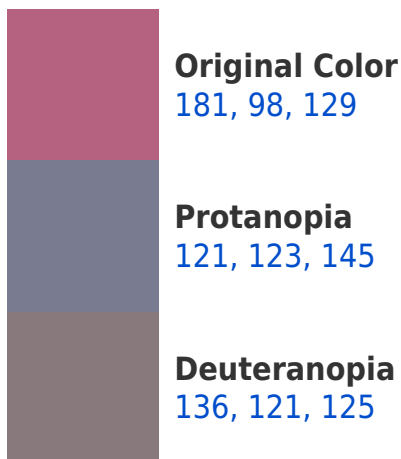


This preview shows how white text looks on a background with the RYB color 181, 98, 129.

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
179, 102, 109

Trichromacy



Original Color
181, 98, 129

Protanomaly
143, 114, 139

Deuteranomaly
152, 113, 126

Tritanomaly
180, 101, 116

Monochromacy



Original Color
181, 98, 129

Achromatopsia
126, 126, 126

Achromatomaly
146, 116, 127

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 98, 129 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, 98, 129)` looks like.

```
.text, #text, p{  
    color:rgb(181, 98, 129)  
}
```

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, 98, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 98, 129) }
```

Border

The CSS property to change the border of an element to RYB 181, 98, 129 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, 98, 129) }
```

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

```
.border{ border-color:rgb(181, 98, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 98, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 98, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 98, 129);  
box-shadow:4px 4px 4px 4px rgb(181, 98,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 181, 98, 129 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 98, 129) }
```

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

```
.background{ background-color: rgb(181, 98,  
129) }
```

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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