

Converting Colors

`RYB(180, 130, 138)`

Have a look what the booklet for
RYB(180, 130, 138) contains.

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Color

R_YB(180, 130, 138)

Conversions

Conversions Part 1

Format	Color
Hex	B4828A
RGB	180, 130, 138
RGB Percent	71%, 51%, 54%
CMY	0.2941, 0.4902, 0.4588
CMYK	0.00, 0.28, 0.23, 0.29
HSL	350°, 25%, 61%
HSV	350°, 28%, 71%
XYZ	31.3925, 27.5035, 27.6989
YIQ	145.8620, 27.2320, 13.0880

Conversions

Conversions Part 2

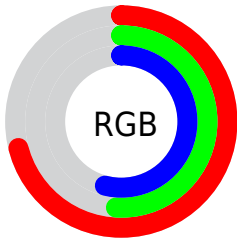
Format	Color
RYB	180, 130, 138
Decimal	11829898
CIELab	59.44, 20.46, 3.34
CIElCh	59, 20.729, 9.270
Yxy	27.5035, 0.3625, 0.3176
Android (android.graphics.Color)	4290019978 (0xFFB4828A)
YUV	145.8620, -3.8760, 29.9390
Hunter-Lab	52.4438, 15.0721, 5.3959

Details

The RYB color **180, 130, 138** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **130, 157, 180**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **237, 183, 191**, and **126, 80, 88** is the 20% darker color. If you saturate the color by 10%, you get **180, 112, 123**, and if you desaturate by 10%, it is **180, 148, 153**.

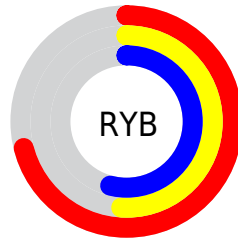
Distribution



Red (71%)

Green (51%)

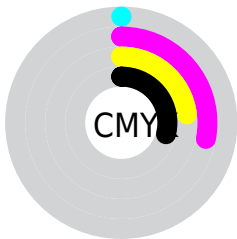
Blue (54%)



Red (71%)

Yellow (51%)

Blue (54%)

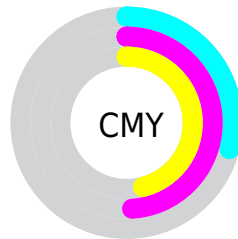


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (29%)



Cyan (29%)


Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 130, 138 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 180, 130, 138 by changing the saturation by 10% instead.


 180, 130, 138

255, 255, 255

 237, 183, 191

 255, 211, 219

 255, 239, 248


 180, 130, 138

 153, 105, 113

 126, 80, 88

 100, 57, 65

 75, 34, 43


 51, 13, 23

 32, 0, 1

 0, 0, 0

 180, 130, 138

 180, 112, 123


 180, 130, 138

 180, 148, 153


 180, 94, 108

 180, 166, 168

 180, 76, 93

 180, 182, 184

 180, 58, 78

 180, 192, 202

 180, 40, 62

 180, 202, 220


 180, 22, 47

 180, 211, 238

 180, 4, 32

 180, 220, 255

 180, 0, 29

 180, 218, 255

Harmonies

Analogous

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



171, 132, 156



180, 130, 138



178, 135, 121

Triad

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



180, 130, 138



115, 149, 133



105, 132, 177

Complementary

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



180, 130, 138



130, 157, 180

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.



91, 124, 165



180, 130, 138



110, 138, 152

Square

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



180, 130, 138



115, 151, 107



95, 126, 154



129, 140, 179

Rectangle

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



180, 130, 138



172, 152, 112



95, 126, 154



99, 129, 174

Sweetspot

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



180, 130, 138



235, 216, 219



172, 130, 180



117, 106, 107



245, 245, 245



117, 117, 117

Same Dimension

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



180, 130, 138



235, 157, 170



180, 156, 130



89, 80, 82



153, 0, 24



26, 0, 4

Inverse Universe

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



180, 130, 138



235, 157, 170



130, 150, 180



89, 80, 82



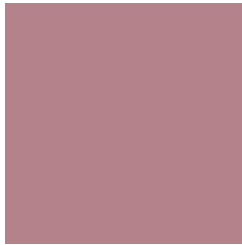
153, 0, 24



26, 0, 4

Previews

White Background



This preview shows how the RYB color 180, 130, 138 looks on a white background.

Color Contrast Check

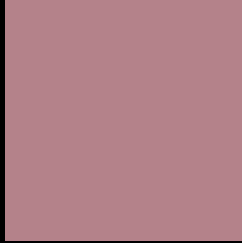
Large Text (above 18pt) WCAG AA ✓ Pass

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 180, 130, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

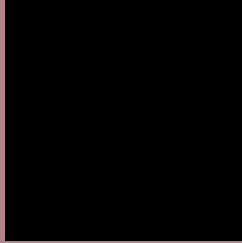
Any Text WCAG AA ✓ Pass

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 180, 130, 138 Background



This preview shows how black text looks on a background with the RYB color 180, 130, 138.



This preview shows how white text looks on a background with the RYB color 180, 130, 138.

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

180, 130, 138

Protanopia

145, 143, 145

Deuteranopia

160, 139, 136



Tritanopia
180, 130, 140

Trichromacy



Original Color

180, 130, 138

Protanomaly

158, 138, 142

Deuteranomaly

167, 136, 137

Tritanomaly

180, 130, 139

Monochromacy



Original Color

180, 130, 138

Achromatopsia

146, 146, 146

Achromatomaly

158, 140, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 130, 138 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(180, 130, 138)` looks like.

```
.text, #text, p{  
    color:rgb(180, 130, 138)  
}
```

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(180, 130, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 130, 138) }
```

Border

The CSS property to change the border of an element to RYB 180, 130, 138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

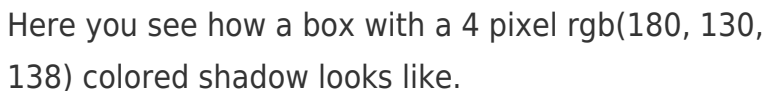
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 130, 138) }
```

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

```
.border{ border-color:rgb(180, 130, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 130, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 130, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 130, 138); box-shadow:4px 4px 4px 4px rgb(180, 130, 138) }
```

Background

The CSS property to change the background color of an element to RYB 180, 130, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 130, 138) }
```

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

```
.background{ background-color: rgb(180,  
130, 138) }
```

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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