

Converting Colors

`RYB(148, 131, 182)`

Have a look what the booklet for
RYB(148, 131, 182) contains.

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Color

R_YB(148, 131, 182)

Conversions

Conversions Part 1

Format	Color
Hex	9483B6
RGB	148, 131, 182
RGB Percent	58%, 51%, 71%
CMY	0.4196, 0.4863, 0.2863
CMYK	0.19, 0.28, 0.00, 0.29
HSL	260°, 26%, 61%
HSV	260°, 28%, 71%
XYZ	28.7725, 25.9059, 47.7398
YIQ	141.8970, -6.2390, 19.4650

Conversions

Conversions Part 2

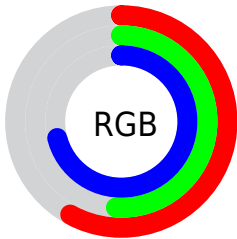
Format	Color
R_{YB}	148, 131, 182
Decimal	9733046
CIE _{Lab}	57.95, 16.98, -24.44
CIE _{LCh}	58, 29.765, 304.794
Yxy	25.9059, 0.2809, 0.2529
Android (android.graphics.Color)	4287923126 (0xFF9483B6)
YUV	141.8970, 19.7708, 5.3523
Hunter-Lab	50.8978, 11.8348, -19.9828

Details

The RYB color **148, 131, 182** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **131, 182, 148**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **203, 184, 238**, and **96, 82, 129** is the 20% darker color. If you saturate the color by 10%, you get **136, 113, 182**, and if you desaturate by 10%, it is **160, 149, 182**.

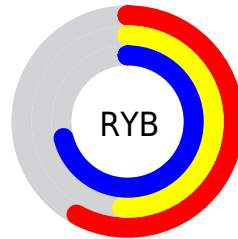
Distribution



Red (58%)

Green (51%)

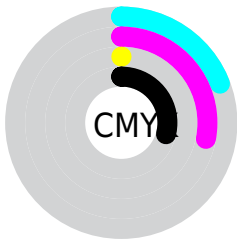
Blue (71%)



Red (58%)

Yellow (51%)

Blue (71%)

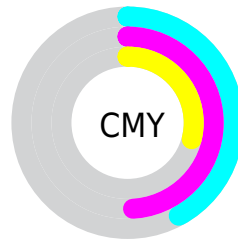


Cyan (19%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 131, 182 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 148, 131, 182 by changing the saturation by 10% instead.


 148, 131, 182


255, 255, 255


 203, 184, 238

 231, 212, 255

 255, 240, 255

 148, 131, 182

 122, 106, 155

 96, 82, 129

 72, 58, 104

 48, 37, 79

 25, 16, 56

 0, 0, 35

 0, 0, 9

 0, 0, 0

 148, 131, 182

 148, 131, 182

■ 136, 113, 182

■ 160, 149, 182

■ 124, 95, 182

■ 172, 167, 182

■ 112, 76, 182

■ 182, 186, 184

■ 99, 58, 182

■ 182, 204, 189

■ 87, 40, 182

■ 182, 222, 195

■ 75, 22, 182

■ 182, 240, 201

■ 63, 4, 182

■ 182, 255, 204

■ 61, 0, 182

■ 182, 255, 192

■ 182, 255, 182

Harmonies

Analogous

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



110, 132, 191



148, 131, 182



176, 123, 162

Triad

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



148, 131, 182



175, 160, 93



62, 110, 153

Complementary

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



148, 131, 182



131, 182, 148

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.



94, 135, 151



148, 131, 182



105, 153, 87

Square

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



148, 131, 182



189, 124, 111



96, 147, 118



44, 102, 168

Rectangle

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



148, 131, 182



186, 120, 145



96, 147, 118



72, 118, 153

Sweetspot

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



148, 131, 182



225, 218, 237



131, 151, 182



112, 108, 120



247, 247, 247



120, 120, 120

Same Dimension

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



148, 131, 182



183, 157, 237



174, 131, 182



86, 83, 92



52, 0, 156



9, 0, 28

Inverse Universe

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



182, 131, 165



237, 157, 210



131, 182, 174



92, 83, 89



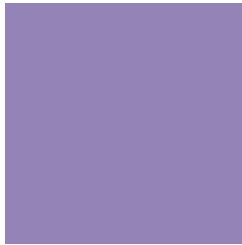
156, 0, 104



28, 0, 19

Previews

White Background



This preview shows how the RYB color 148, 131, 182 looks on a white background.

Color Contrast Check

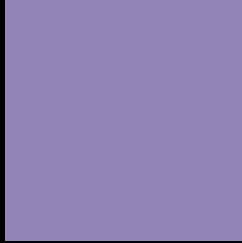
Large Text (above 18pt) WCAG AA ✓ Pass

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 148, 131, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

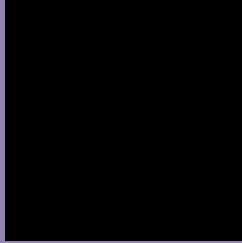
Any Text WCAG AA ✓ Pass

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 148, 131, 182 Background



This preview shows how black text looks on a background with the RYB color 148, 131, 182.



This preview shows how white text looks on a background with the RYB color 148, 131, 182.

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
148, 131, 182

Protanopia
125, 136, 187

Deuteranopia
131, 136, 181



Tritanopia
142, 137, 148

Trichromacy



Original Color

148, 131, 182

Protanomaly

133, 135, 185

Deuteranomaly

137, 135, 181

Tritanomaly

144, 135, 160

Monochromacy



Original Color

148, 131, 182

Achromatopsia

142, 142, 142

Achromatomaly

144, 138, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 131, 182 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(148, 131, 182) looks like.

```
.text, #text, p{  
    color:rgb(148, 131, 182)  
}
```

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(148, 131, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 131, 182) }
```

Border

The CSS property to change the border of an element to RYB 148, 131, 182 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(148, 131, 182) }
```

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

```
.border{ border-color:rgb(148, 131, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 131, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 131, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 131, 182);  
box-shadow:4px 4px 4px 4px rgb(148, 131,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 148, 131, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 131, 182) }
```

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

```
.background{ background-color: rgb(148,  
131, 182) }
```

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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