

Converting Colors

`RYB(148, 130, 160)`

Have a look what the booklet for
RYB(148, 130, 160) contains.

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Color

`RYB(148, 130, 160)`

Conversions

Conversions Part 1

Format	Color
Hex	9482A0
RGB	148, 130, 160
RGB Percent	58%, 51%, 63%
CMY	0.4196, 0.4902, 0.3725
CMYK	0.07, 0.19, 0.00, 0.37
HSL	276°, 14%, 57%
HSV	276°, 19%, 63%
XYZ	26.5405, 24.7992, 36.6456
YIQ	138.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

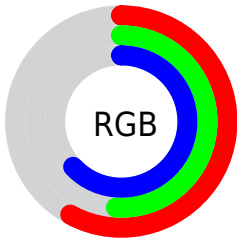
Format	Color
R_{YB}	148, 130, 160
Decimal	9732768
CIE _{Lab}	56.88, 12.67, -13.46
CIE _{LCh}	57, 18.491, 313.268
Yxy	24.7992, 0.3016, 0.2819
Android (android.graphics.Color)	4287922848 (0xFF9482A0)
YUV	138.8020, 10.4506, 8.0666
Hunter-Lab	49.7988, 7.9845, -8.7707

Details

The RYB color **148, 130, 160** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **130, 160, 148**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **202, 183, 215**, and **97, 81, 108** is the 20% darker color. If you saturate the color by 10%, you get **142, 114, 160**, and if you desaturate by 10%, it is **154, 146, 160**.

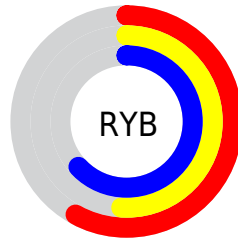
Distribution



Red (58%)

Green (51%)

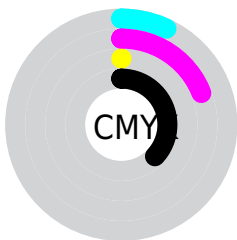
Blue (63%)



Red (58%)

Yellow (51%)

Blue (63%)

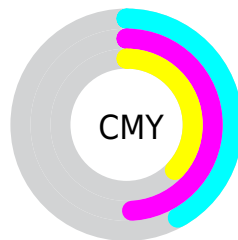


Cyan (7%)

Magenta (19%)

Yellow (0%)

Black (37%)



Cyan (42%)

Magenta (49%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RYB color 148, 130, 160 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, 130, 160 by changing the saturation by 10% instead.


 148, 130, 160


255, 255, 255

 202, 183, 215

 230, 211, 243


 255, 239, 255

 148, 130, 160

 122, 105, 134

 97, 81, 108

 73, 58, 84

 50, 36, 61


 29, 15, 39


 0, 1, 18

 0, 0, 0

 148, 130, 160

 142, 114, 160

 148, 130, 160

 154, 146, 160

135, 98, 160

160, 162, 161

129, 82, 160

160, 178, 171

122, 66, 160

160, 194, 180

116, 50, 160

160, 210, 190

110, 34, 160

160, 226, 200

103, 18, 160

160, 242, 209

97, 2, 160

160, 255, 216

96, 0, 160

160, 255, 209

Harmonies

Analogous

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



127, 134, 168



148, 130, 160



163, 126, 146

Triad

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



148, 130, 160



155, 157, 106



93, 120, 146

Complementary

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



148, 130, 160



130, 160, 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.



105, 131, 145



148, 130, 160



108, 141, 105

Square

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



148, 130, 160



167, 132, 115



113, 142, 132



93, 122, 158

Rectangle

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



148, 130, 160



168, 125, 135



113, 142, 132



96, 123, 146

Sweetspot

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



148, 130, 160



204, 197, 209



130, 139, 160



102, 97, 105



232, 232, 232



105, 105, 105

Same Dimension

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



148, 130, 160



190, 161, 209



160, 130, 157



76, 71, 79



86, 0, 143



9, 0, 15

Inverse Universe

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



160, 130, 142



209, 161, 180



130, 157, 160



79, 71, 74



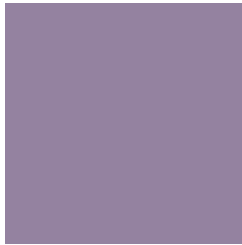
143, 0, 57



15, 0, 6

Previews

White Background



This preview shows how the RYB color 148, 130, 160 looks on a white background.

Color Contrast Check

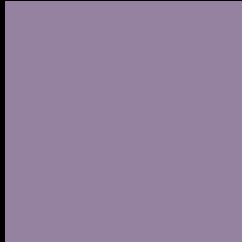
Large Text (above 18pt) WCAG AA ✓ Pass

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, 130, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

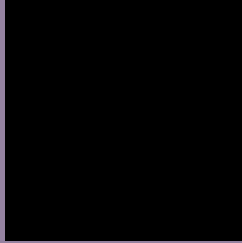
Any Text WCAG AA ✓ Pass

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, 130, 160 Background



This preview shows how black text looks on a background with the RYB color 148, 130, 160.



This preview shows how white text looks on a background with the RYB color 148, 130, 160.

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, 130, 160

Protanopia

131, 135, 164

Deuteranopia

139, 133, 159



Tritanopia
145, 133, 143

Trichromacy



Original Color
148, 130, 160

Protanomaly
137, 133, 163

Deuteranomaly
142, 132, 159

Tritanomaly
146, 132, 149

Monochromacy



Original Color
148, 130, 160

Achromatopsia
139, 139, 139

Achromatomaly
142, 136, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 130, 160 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, 130, 160) looks like.

```
.text, #text, p{  
    color:rgb(148, 130, 160)  
}
```

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, 130, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 130, 160) }
```

Border

The CSS property to change the border of an element to RYB 148, 130, 160 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, 130, 160) }
```

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

```
.border{ border-color:rgb(148, 130, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 130, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 130, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 130, 160);  
box-shadow:4px 4px 4px 4px rgb(148, 130,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 148, 130, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 130, 160) }
```

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

```
.background{ background-color: rgb(148,  
130, 160) }
```

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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