

Converting Colors

`RYB(181, 142, 160)`

Have a look what the booklet for
RYB(181, 142, 160) contains.

RYB(181, 142, 160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(181, 142, 160)

Conversions

Conversions Part 1

Format	Color
Hex	B58EA0
RGB	181, 142, 160
RGB Percent	71%, 56%, 63%
CMY	0.2902, 0.4431, 0.3725
CMYK	0.00, 0.22, 0.12, 0.29
HSL	332°, 21%, 63%
HSV	332°, 22%, 71%
XYZ	35.0742, 31.7078, 37.5293
YIQ	155.7130, 17.4660, 13.8660

Conversions

Conversions Part 2

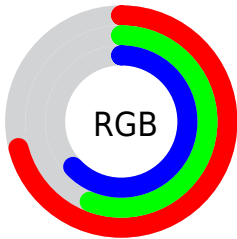
Format	Color
RYB	181, 142, 160
Decimal	11898528
CIELab	63.10, 17.68, -3.85
CIElCh	63, 18.098, 347.727
Yxy	31.7078, 0.3362, 0.3040
Android (android.graphics.Color)	4290088608 (0xFFB58EA0)
YUV	155.7130, 2.1135, 22.1767
Hunter-Lab	56.3097, 12.6422, -0.0988

Details

The RYB color **181, 142, 160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **142, 167, 181**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **237, 196, 215**, and **128, 91, 109** is the 20% darker color. If you saturate the color by 10%, you get **181, 124, 150**, and if you desaturate by 10%, it is **181, 160, 170**.

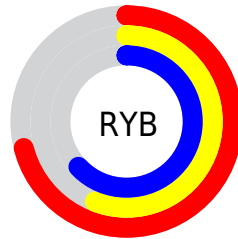
Distribution



Red (71%)

Green (56%)

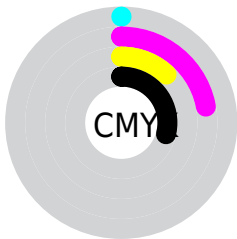
Blue (63%)



Red (71%)

Yellow (56%)

Blue (63%)

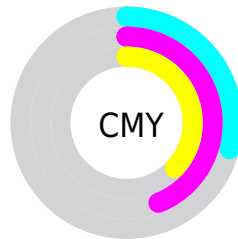


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (29%)



Cyan (29%)

Magenta (44%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 142, 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 181, 142, 160 by changing the saturation by 10% instead.

 181, 142, 160


255, 255, 255

 237, 196, 215

 255, 224, 243

 255, 253, 255

 181, 142, 160

 154, 116, 134

 128, 91, 109


 102, 68, 84

 78, 45, 61


 54, 24, 39

 34, 0, 19

 0, 0, 0

 181, 142, 160

 181, 124, 150

 181, 142, 160

 181, 160, 170

181, 106, 141

181, 178, 179

181, 88, 131

181, 191, 196

181, 70, 121

181, 202, 214

181, 52, 111

181, 215, 233

181, 33, 102

181, 227, 251

181, 15, 92

181, 226, 255

181, 0, 84

181, 223, 255

181, 220, 255

Harmonies

Analogous

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



167, 146, 174



181, 142, 160



186, 142, 144

Triad

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



181, 142, 160



122, 155, 122



111, 139, 176

Complementary

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



181, 142, 160



142, 167, 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.



110, 136, 162



181, 142, 160



131, 159, 153

Square

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



181, 142, 160



162, 171, 122



120, 146, 162



126, 146, 184

Rectangle

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



181, 142, 160



185, 145, 134



120, 146, 162



109, 137, 172

Sweetspot

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



181, 142, 160



235, 221, 227



163, 142, 181



117, 109, 113



245, 245, 245



117, 117, 117

Same Dimension

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



181, 142, 160



235, 174, 202



181, 143, 142



89, 80, 84



153, 0, 71



26, 0, 12

Inverse Universe

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



181, 142, 160



235, 174, 202



142, 161, 181



89, 80, 84



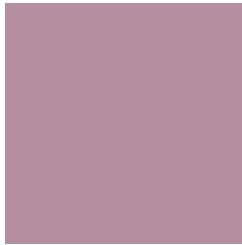
153, 0, 71



26, 0, 12

Previews

White Background



This preview shows how the RYB color 181, 142, 160 looks on a white background.

Color Contrast Check

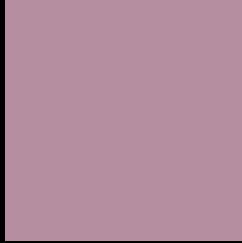
Large Text (above 18pt) WCAG AA × Fail

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, 142, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

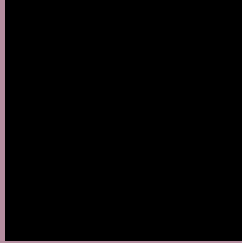
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 181, 142, 160 Background



This preview shows how black text looks on a background with the RYB color 181, 142, 160.



This preview shows how white text looks on a background with the RYB color 181, 142, 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


181, 142, 160

Protanopia

152, 152, 166

Deuteranopia

165, 148, 159



Tritanopia
180, 143, 154

Trichromacy



Original Color

181, 142, 160

Protanomaly

163, 148, 164

Deuteranomaly

171, 146, 159

Tritanomaly

180, 143, 156

Monochromacy



Original Color

181, 142, 160

Achromatopsia

156, 156, 156

Achromatomaly

165, 151, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 142, 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(181, 142, 160) looks like.

```
.text, #text, p{  
    color:rgb(181, 142, 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(181, 142, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 142, 160) }
```

Border

The CSS property to change the border of an element to RYB 181, 142, 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(181, 142, 160) }
```

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

```
.border{ border-color:rgb(181, 142, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 142, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 142, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 142, 160);  
box-shadow:4px 4px 4px 4px rgb(181, 142,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 181, 142, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 142, 160) }
```

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

```
.background{ background-color: rgb(181,  
142, 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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