

Converting Colors

`RYB(169, 142, 182)`

Have a look what the booklet for RYB(169, 142, 182) contains.

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Color

$\text{RYB}(169, 142, 182)$

Conversions

Conversions Part 1

Format	Color
Hex	A98EB6
RGB	169, 142, 182
RGB Percent	66%, 56%, 71%
CMY	0.3373, 0.4431, 0.2863
CMYK	0.07, 0.22, 0.00, 0.29
HSL	280°, 22%, 64%
HSV	280°, 22%, 71%
XYZ	34.4787, 31.1584, 48.4529
YIQ	154.6330, 3.2520, 18.1640

Conversions

Conversions Part 2

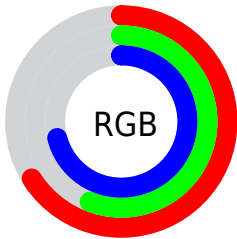
Format	Color
RYB	169, 142, 182
Decimal	11112118
CIELab	62.64, 17.62, -17.10
CIElCh	63, 24.559, 315.857
Yxy	31.1584, 0.3022, 0.2731
Android (android.graphics.Color)	4289302198 (0xFFA98EB6)
YUV	154.6330, 13.4919, 12.5999
Hunter-Lab	55.8197, 12.5712, -12.3914

Details

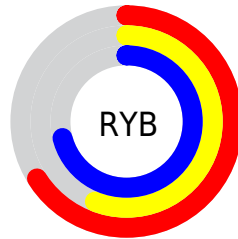
The RYB color **169, 142, 182** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **142, 182, 169**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **224, 196, 238**, and **117, 92, 129** is the 20% darker color. If you saturate the color by 10%, you get **163, 124, 182**, and if you desaturate by 10%, it is **175, 160, 182**.

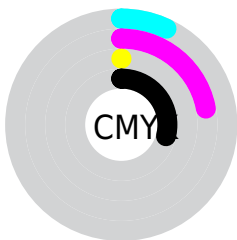
Distribution



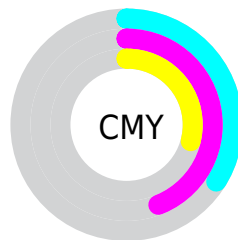
- Red (66%)
- Green (56%)
- Blue (71%)



- Red (66%)
- Yellow (56%)
- Blue (71%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (34%)
- Magenta (44%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the RYB color 169, 142, 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 169, 142, 182 by changing the saturation by 10% instead.

 169, 142, 182


255, 255, 255

 224, 196, 238

 253, 224, 255

 255, 252, 255

 169, 142, 182

 142, 116, 155

 117, 92, 129

 92, 68, 104


 68, 45, 80

 45, 24, 57

 26, 0, 35

 0, 0, 11

 0, 0, 0

 169, 142, 182

 169, 142, 182

163, 124, 182

175, 160, 182

157, 106, 182

181, 178, 182

151, 87, 182

182, 197, 192

145, 69, 182

182, 215, 204

139, 51, 182

182, 233, 216

134, 33, 182

182, 251, 229

128, 15, 182

182, 255, 227

123, 0, 182

182, 255, 221

182, 255, 215

Harmonies

Analogous

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



141, 149, 193



169, 142, 182



188, 137, 163

Triad

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



169, 142, 182



164, 177, 110



88, 126, 164

Complementary

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



169, 142, 182



142, 182, 169

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.



106, 142, 163



169, 142, 182



110, 155, 109

Square

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



169, 142, 182



191, 147, 121



121, 160, 150



88, 129, 182

Rectangle

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



169, 142, 182



195, 135, 148



121, 160, 150



93, 131, 164

Sweetspot

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



169, 142, 182



232, 221, 237



142, 152, 182



117, 110, 120



247, 247, 247



120, 120, 120

Same Dimension

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



169, 142, 182



217, 175, 237



182, 142, 175



89, 83, 92



105, 0, 156



19, 0, 28

Inverse Universe

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



182, 142, 155



237, 175, 196



142, 176, 182



92, 83, 86



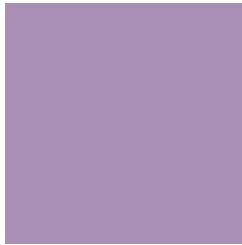
156, 0, 51



28, 0, 9

Previews

White Background



This preview shows how the RYB color 169, 142, 182 looks on a white background.

Color Contrast Check

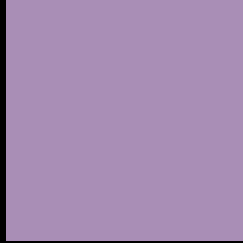
Large Text (above 18pt) WCAG AA × Fail

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 169, 142, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

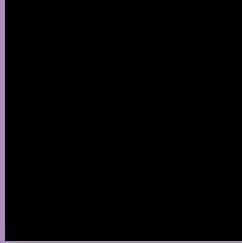
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 169, 142, 182 Background



This preview shows how black text looks on a background with the RYB color 169, 142, 182.



This preview shows how white text looks on a background with the RYB color 169, 142, 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


169, 142, 182

Protanopia

143, 149, 188

Deuteranopia

152, 148, 181



Tritanopia
165, 146, 158

Trichromacy



Original Color

169, 142, 182

Protanomaly

152, 147, 186

Deuteranomaly

158, 146, 181

Tritanomaly

166, 145, 167

Monochromacy



Original Color

169, 142, 182

Achromatopsia

155, 155, 155

Achromatomaly

160, 150, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 142, 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(169, 142, 182)` looks like.

```
.text, #text, p{  
    color:rgb(169, 142, 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(169, 142, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 142, 182) }
```

Border

The CSS property to change the border of an element to RYB 169, 142, 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(169, 142, 182) }
```

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

```
.border{ border-color:rgb(169, 142, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 142, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 142, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 142, 182);  
box-shadow:4px 4px 4px 4px rgb(169, 142,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 169, 142, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 142, 182) }
```

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

```
.background{ background-color: rgb(169,  
142, 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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