

# Converting Colors

`RYB(169, 132, 162)`

Have a look what the booklet for RYB(169, 132, 162) contains.

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# Color

**R<sub>Y</sub>B(169, 132, 162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A984A2
RGB	169, 132, 162
RGB Percent	66%, 52%, 64%
CMY	0.3373, 0.4824, 0.3647
CMYK	0.00, 0.22, 0.04, 0.34
HSL	311°, 18%, 59%
HSV	311°, 22%, 66%
XYZ	31.1350, 27.5462, 37.8584
YIQ	146.4830, 12.4220, 17.1740

# Conversions

## Conversions Part 2

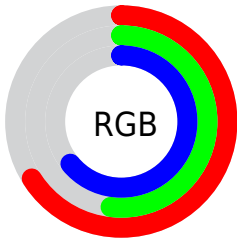
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 132, 162
Decimal	11109538
CIELab	59.48, 19.34, -10.50
CIELCh	59, 22.011, 331.496
Yxy	27.5462, 0.3225, 0.2853
Android (android.graphics.Color)	4289299618 (0xFFA984A2)
YUV	146.4830, 7.6499, 19.7474
Hunter-Lab	52.4845, 14.0427, -6.0283

# Details

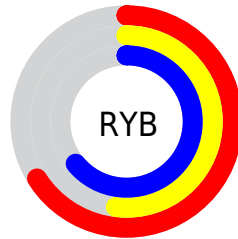
The RYB color **169, 132, 162** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **132, 163, 169**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **225, 185, 217**, and **116, 82, 110** is the 20% darker color. If you saturate the color by 10%, you get **169, 115, 159**, and if you desaturate by 10%, it is **169, 149, 165**.

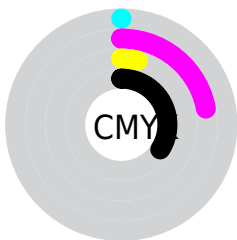
# Distribution



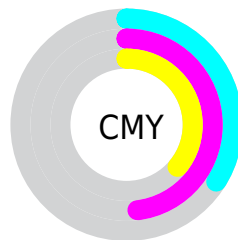
- Red (66%)
- Green (52%)
- Blue (64%)



- Red (66%)
- Yellow (52%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (4%)
- Black (34%)



- Cyan (34%)
- Magenta (48%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 169, 132, 162 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, 132, 162 by changing the saturation by 10% instead.




 169, 132, 162


255, 255, 255

 225, 185, 217


 253, 213, 245

 255, 242, 255

 169, 132, 162

 142, 107, 136

 116, 82, 110

 91, 59, 86

 68, 37, 63


 45, 15, 41

 26, 0, 21

 0, 0, 0

 169, 132, 162

 169, 115, 159

 169, 132, 162

 169, 149, 165

169, 98, 156

169, 166, 168

169, 81, 152

169, 181, 183

169, 64, 149

169, 195, 200

169, 47, 146

169, 208, 216

169, 31, 143

169, 223, 233

169, 14, 140

169, 237, 250

169, 0, 137

169, 239, 255

169, 237, 255

# Harmonies

## Analogous

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



148, 138, 176



169, 132, 162



181, 129, 143

# Triad

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



169, 132, 162



124, 156, 105



86, 122, 163

# Complementary

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



169, 132, 162



132, 163, 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.



94, 127, 154



169, 132, 162



110, 148, 122

# Square

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



169, 132, 162



173, 154, 110



113, 143, 152



97, 129, 177

# Rectangle

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



169, 132, 162



183, 130, 130



113, 143, 152



87, 121, 157



# Sweetspot

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



169, 132, 162



219, 204, 216



139, 132, 169



110, 101, 108



237, 237, 237



110, 110, 110



# Same Dimension

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



169, 132, 162



219, 162, 209



169, 132, 144



84, 76, 83



148, 0, 120



20, 0, 17



# Inverse Universe

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



169, 132, 162



219, 162, 209



132, 154, 169



84, 76, 83



148, 0, 120

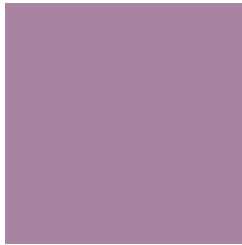


20, 0, 17



# Previews

## White Background



This preview shows how the RYB color 169, 132, 162 looks on a white background.

## Color Contrast Check

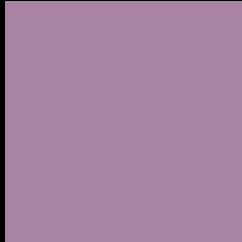
Large Text (above 18pt) WCAG AA ✓ Pass

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 169, 132, 162 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

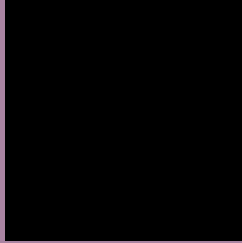
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## **RYB 169, 132, 162 Background**



This preview shows how black text looks on a background with the RYB color 169, 132, 162.



This preview shows how white text looks on a background with the RYB color 169, 132, 162.

# 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, 132, 162

**Protanopia**  
138, 142, 169

**Deuteranopia**  
149, 140, 161



**Tritanopia**  
167, 135, 145

# Trichromacy



**Original Color**  
169, 132, 162

**Protanomaly**  
149, 138, 166

**Deuteranomaly**  
156, 137, 161

**Tritanomaly**  
168, 134, 151

# Monochromacy



**Original Color**  
169, 132, 162

**Achromatopsia**  
146, 146, 146

**Achromatomaly**  
154, 141, 152

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 169, 132, 162 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, 132, 162) looks like.

```
.text, #text, p{  
    color:rgb(169, 132, 162)  
}
```

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, 132, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 132, 162) }
```

## Border

The CSS property to change the border of an element to RYB 169, 132, 162 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, 132, 162) }
```

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

```
.border{ border-color:rgb(169, 132, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 132, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 132, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 132, 162);  
box-shadow:4px 4px 4px 4px rgb(169, 132,  
162) }
```

# Background

The CSS property to change the background color of an element to RYB 169, 132, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 132, 162) }
```

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

```
.background{ background-color: rgb(169,  
132, 162) }
```

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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