

Converting Colors

`RYB(169, 129, 179)`

Have a look what the booklet for
RYB(169, 129, 179) contains.

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Color

R_YB(169, 129, 179)

Conversions

Conversions Part 1

Format	Color
Hex	A981B3
RGB	169, 129, 179
RGB Percent	66%, 51%, 70%
CMY	0.3373, 0.4941, 0.2980
CMYK	0.06, 0.28, 0.00, 0.30
HSL	288°, 25%, 60%
HSV	288°, 28%, 70%
XYZ	32.3491, 27.3902, 46.2297
YIQ	146.6600, 7.7900, 24.0300

Conversions

Conversions Part 2

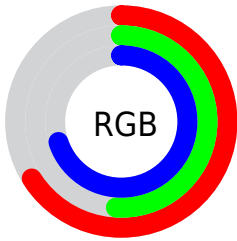
Format	Color
RYB	169, 129, 179
Decimal	11108787
CIELab	59.33, 24.38, -20.43
CIELCh	59, 31.812, 320.033
Yxy	27.3902, 0.3053, 0.2585
Android (android.graphics.Color)	4289298867 (0xFFA981B3)
YUV	146.6600, 15.9436, 19.5922
Hunter-Lab	52.3357, 18.7450, -15.7377

Details

The RYB color **169, 129, 179** is a light color, and the websafe version is hex **996699**. A complement of this color would be **129, 179, 169**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **225, 182, 235**, and **116, 79, 126** is the 20% darker color. If you saturate the color by 10%, you get **165, 111, 179**, and if you desaturate by 10%, it is **173, 147, 179**.

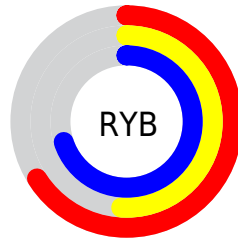
Distribution



Red (66%)

Green (51%)

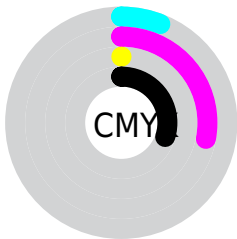
Blue (70%)



Red (66%)

Yellow (51%)

Blue (70%)

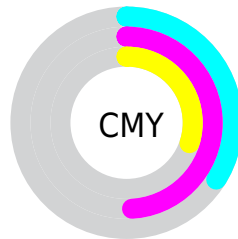


Cyan (6%)

Magenta (28%)

Yellow (0%)

Black (30%)



Cyan (34%)

Magenta (49%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 129, 179 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, 129, 179 by changing the saturation by 10% instead.

 169, 129, 179


255, 255, 255

 225, 182, 235

 254, 210, 255

 255, 238, 255

 169, 129, 179

 142, 104, 152

 116, 79, 126

 91, 56, 101

 67, 33, 77


 44, 11, 54

 26, 0, 33

 0, 0, 5

 0, 0, 0

 169, 129, 179

 169, 129, 179

165, 111, 179

173, 147, 179

162, 93, 179

176, 165, 179

158, 75, 179

179, 183, 182

155, 57, 179

179, 201, 197

151, 39, 179

179, 219, 211

148, 22, 179

179, 236, 225

144, 4, 179

179, 254, 239

143, 0, 179

179, 255, 236

179, 255, 233

Harmonies

Analogous

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



133, 138, 195



169, 129, 179



191, 122, 153

Triad

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



169, 129, 179



140, 170, 88



40, 100, 161

Complementary

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



169, 129, 179



129, 179, 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.



75, 123, 157



169, 129, 179



90, 147, 94

Square

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



169, 129, 179



190, 140, 101



106, 154, 149



43, 106, 185

Rectangle

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



169, 129, 179



197, 121, 134



106, 154, 149



51, 106, 158

Sweetspot

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



169, 129, 179



228, 213, 232



129, 137, 179



115, 106, 117



245, 245, 245



117, 117, 117

Same Dimension

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



169, 129, 179



216, 153, 232



179, 129, 164



87, 80, 89



122, 0, 153



20, 0, 26

Inverse Universe

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



179, 129, 139



232, 153, 169



129, 167, 179



89, 80, 82



153, 0, 31



26, 0, 5

Previews

White Background



This preview shows how the RYB color 169, 129, 179 looks on a white background.

Color Contrast Check

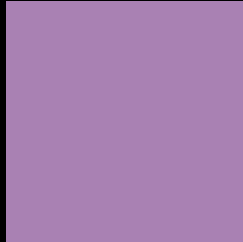
Large Text (above 18pt) WCAG AA ✓ Pass

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, 129, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

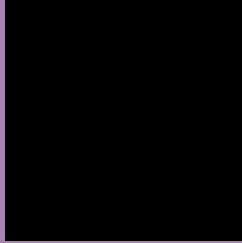
Any Text WCAG AA ✓ Pass

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, 129, 179 Background



This preview shows how black text looks on a background with the RYB color 169, 129, 179.

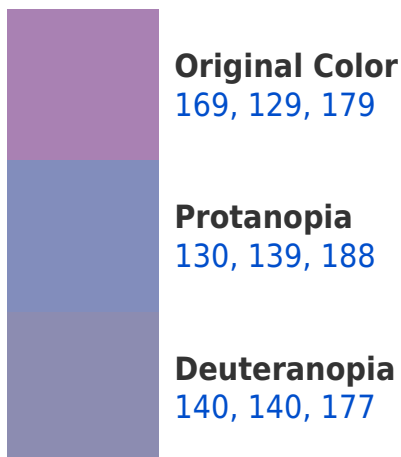


This preview shows how white text looks on a background with the RYB color 169, 129, 179.

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





Tritanopia
164, 135, 146

Trichromacy



Original Color
169, 129, 179

Protanomaly
144, 137, 185

Deuteranomaly
151, 136, 178

Tritanomaly
166, 133, 158

Monochromacy



Original Color
169, 129, 179

Achromatopsia
147, 147, 147

Achromatomaly
155, 140, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 129, 179 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, 129, 179)` looks like.

```
.text, #text, p{  
    color:rgb(169, 129, 179)  
}
```

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, 129, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 129, 179) }
```

Border

The CSS property to change the border of an element to RYB 169, 129, 179 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, 129, 179) }
```

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

```
.border{ border-color:rgb(169, 129, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 129, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 129, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 129, 179);  
box-shadow:4px 4px 4px 4px rgb(169, 129,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 169, 129, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 129, 179) }
```

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

```
.background{ background-color: rgb(169,  
129, 179) }
```

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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