

Converting Colors

`RYB(169, 125, 161)`

Have a look what the booklet for
RYB(169, 125, 161) contains.

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Color

R_YB(169, 125, 161)

Conversions

Conversions Part 1

Format	Color
Hex	A97DA1
RGB	169, 125, 161
RGB Percent	66%, 49%, 63%
CMY	0.3373, 0.5098, 0.3686
CMYK	0.00, 0.26, 0.05, 0.34
HSL	311°, 20%, 58%
HSV	311°, 26%, 66%
XYZ	30.1288, 25.6755, 37.0861
YIQ	142.2600, 14.6680, 20.5240

Conversions

Conversions Part 2

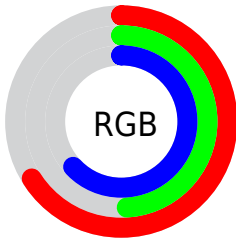
Format	Color
RYB	169, 125, 161
Decimal	11107745
CIELab	57.73, 23.13, -12.56
CIELCh	58, 26.316, 331.501
Yxy	25.6755, 0.3243, 0.2764
Android (android.graphics.Color)	4289297825 (0xFFA97DA1)
YUV	142.2600, 9.2388, 23.4510
Hunter-Lab	50.6710, 17.4615, -7.9247

Details

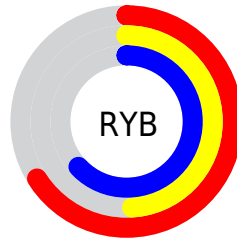
The RYB color **169, 125, 161** is a light color, and the websafe version is hex **996699**. A complement of this color would be **125, 162, 169**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **225, 178, 216**, and **116, 75, 109** is the 20% darker color. If you saturate the color by 10%, you get **169, 108, 158**, and if you desaturate by 10%, it is **169, 142, 164**.

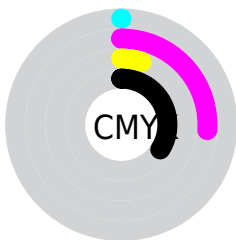
Distribution



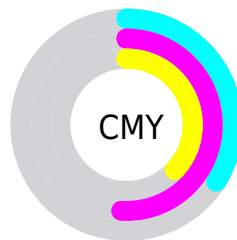
- Red (66%)
- Green (49%)
- Blue (63%)



- Red (66%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (26%)
- Yellow (5%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 125, 161 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, 125, 161 by changing the saturation by 10% instead.

 169, 125, 161


255, 255, 255

 225, 178, 216


 254, 206, 244

 255, 234, 255

 169, 125, 161


 142, 100, 135

 116, 75, 109

 91, 52, 85

 67, 30, 62

 44, 8, 40

 21, 0, 19

 0, 0, 0

 169, 125, 161

 169, 108, 158

 169, 125, 161

 169, 142, 164

169, 91, 155

169, 159, 167

169, 74, 152

169, 175, 176

169, 57, 149

169, 190, 193

169, 40, 146

169, 203, 209

169, 24, 143

169, 217, 226

169, 7, 139

169, 231, 243

169, 0, 138

169, 241, 255

169, 239, 255

Harmonies

Analogous

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



143, 132, 178



169, 125, 161



183, 121, 138

Triad

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



169, 125, 161



115, 154, 93



64, 110, 162

Complementary

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



169, 125, 161



125, 162, 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.



77, 117, 151



169, 125, 161



99, 145, 115

Square

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



169, 125, 161



173, 152, 99



102, 138, 149



78, 119, 178

Rectangle

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



169, 125, 161



185, 122, 123



102, 138, 149



65, 109, 155

Sweetspot

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



169, 125, 161



219, 202, 216



132, 125, 169



110, 99, 108



237, 237, 237



110, 110, 110

Same Dimension

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



169, 125, 161



219, 151, 207



169, 125, 140



84, 76, 83



148, 0, 121



20, 0, 17

Inverse Universe

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



169, 125, 161



219, 151, 207



125, 152, 169



84, 76, 83



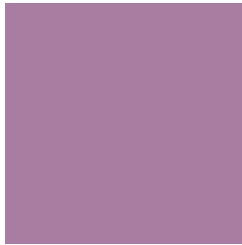
148, 0, 121



20, 0, 17

Previews

White Background



This preview shows how the RYB color 169, 125, 161 looks on a white background.

Color Contrast Check

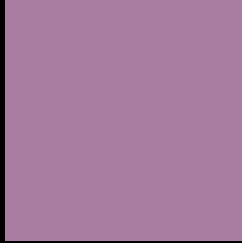
Large Text (above 18pt) WCAG AA ✓ Pass

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, 125, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

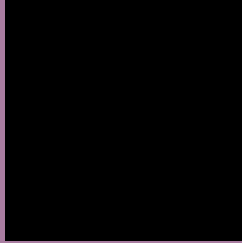
Any Text WCAG AA ✓ Pass

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, 125, 161 Background



This preview shows how black text looks on a background with the RYB color 169, 125, 161.



This preview shows how white text looks on a background with the RYB color 169, 125, 161.

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, 125, 161

Protanopia
132, 137, 170

Deuteranopia
143, 135, 159



Tritanopia
166, 129, 139

Trichromacy



Original Color

169, 125, 161

Protanomaly

145, 133, 167

Deuteranomaly

152, 131, 160

Tritanomaly

167, 128, 147

Monochromacy



Original Color

169, 125, 161

Achromatopsia

142, 142, 142

Achromatomaly

152, 136, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 125, 161 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, 125, 161) looks like.

```
.text, #text, p{  
    color:rgb(169, 125, 161)  
}
```

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, 125, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 125, 161) }
```

Border

The CSS property to change the border of an element to RYB 169, 125, 161 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, 125, 161) }
```

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

```
.border{ border-color:rgb(169, 125, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 125, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 125, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 125, 161);  
box-shadow:4px 4px 4px 4px rgb(169, 125,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 169, 125, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 125, 161) }
```

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

```
.background{ background-color: rgb(169,  
125, 161) }
```

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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