

# Converting Colors

`RYB(165, 141, 156)`

Have a look what the booklet for  
RYB(165, 141, 156) contains.

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# Color

**R<sub>Y</sub>B(165, 141, 156)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A58D9C
RGB	165, 141, 156
RGB Percent	65%, 55%, 61%
CMY	0.3529, 0.4471, 0.3882
CMYK	0.00, 0.15, 0.05, 0.35
HSL	322°, 12%, 60%
HSV	322°, 15%, 65%
XYZ	31.0427, 29.4494, 35.5007
YIQ	149.8860, 9.4890, 9.7530

# Conversions

## Conversions Part 2

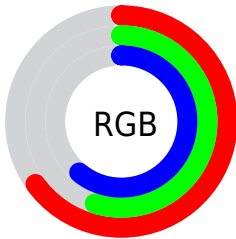
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 141, 156
Decimal	10849692
CIELab	61.18, 11.68, -4.59
CIELCh	61, 12.546, 338.532
Yxy	29.4494, 0.3234, 0.3068
Android (android.graphics.Color)	4289039772 (0xFFA58D9C)
YUV	149.8860, 3.0142, 13.2550
Hunter-Lab	54.2673, 7.1401, -0.7993

# Details

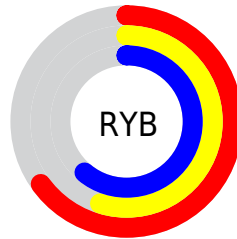
The RYB color **165, 141, 156** is a light color, and the websafe version is hex **999999**. A complement of this color would be **141, 158, 165**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **220, 195, 210**, and **113, 91, 105** is the 20% darker color. If you saturate the color by 10%, you get **165, 124, 150**, and if you desaturate by 10%, it is **165, 157, 162**.

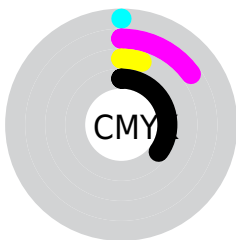
# Distribution



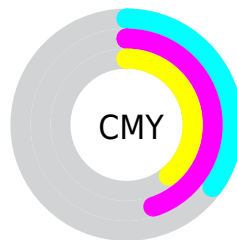
- Red (65%)
- Green (55%)
- Blue (61%)



- Red (65%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (39%)

# Brightness & Saturation Gradients


These gradients show how the RYB color 165, 141, 156 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 165, 141, 156 by changing the saturation by 10% instead.



 165, 141, 156

255, 255, 255

 220, 195, 210

 249, 223, 239

 255, 251, 255

 165, 141, 156

 139, 115, 130

 113, 91, 105

 88, 67, 81

 65, 45, 58


 43, 24, 36

 24, 0, 15

 0, 0, 0

 165, 141, 156

 165, 124, 150

 165, 141, 156

 165, 157, 162

165, 108, 144

165, 172, 174

165, 91, 137

165, 183, 190

165, 75, 131

165, 195, 207

165, 58, 125

165, 207, 223

165, 42, 119

165, 220, 240

165, 25, 113

165, 230, 255

165, 9, 106

165, 227, 255

165, 0, 103

165, 224, 255

# Harmonies

## Analogous

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



154, 144, 165



165, 141, 156



171, 140, 145

# Triad

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



165, 141, 156



132, 153, 126



120, 138, 161

# Complementary

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



165, 141, 156



141, 158, 165

# 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.



121, 139, 154



165, 141, 156



130, 151, 140

# Square

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



165, 141, 156



164, 158, 127



129, 146, 153



127, 142, 168

# Rectangle

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



165, 141, 156



171, 141, 138



129, 146, 153



119, 137, 158



# Sweetspot

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



165, 141, 156



214, 206, 211



150, 141, 165



107, 102, 105



235, 235, 235



107, 107, 107



# Same Dimension

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



165, 141, 156



214, 178, 201



165, 141, 144



82, 73, 79



145, 0, 91



18, 0, 11



# Inverse Universe

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



165, 141, 156



214, 178, 201



141, 154, 165



82, 73, 79



145, 0, 91

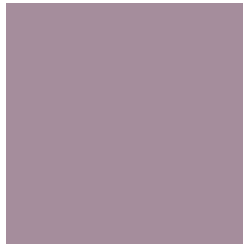


18, 0, 11



# Previews

## White Background



This preview shows how the RYB color 165, 141, 156 looks on a white background.

## Color Contrast Check

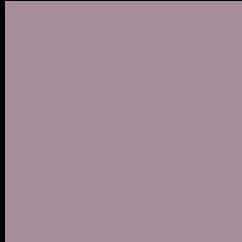
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 141, 156 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

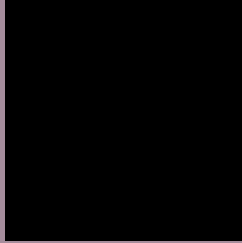
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RYB 165, 141, 156 Background



This preview shows how black text looks on a background with the RYB color 165, 141, 156.



This preview shows how white text looks on a background with the RYB color 165, 141, 156.

# 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**  
165, 141, 156

**Protanopia**  
147, 147, 160

**Deuteranopia**  
159, 143, 156



**Tritanopia**  
165, 142, 153

# Trichromacy



**Original Color**

165, 141, 156

**Protanomaly**

154, 145, 159

**Deuteranomaly**

161, 142, 156

**Tritanomaly**

165, 142, 154

# Monochromacy



**Original Color**

165, 141, 156

**Achromatopsia**

150, 150, 150

**Achromatomaly**

155, 147, 152

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 165, 141, 156 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(165, 141, 156) looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 156)  
}
```

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(165, 141, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 156) }
```

## Border

The CSS property to change the border of an element to RYB 165, 141, 156 is called "border". The border property can be set on classes, ids or directly on the HTML element.

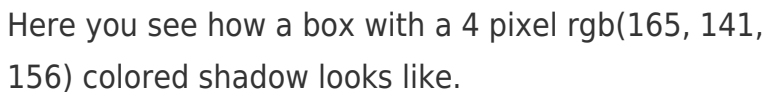
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 141, 156) }
```

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

```
.border{ border-color:rgb(165, 141, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 141, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 141, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 141, 156); box-shadow:4px 4px 4px 4px rgb(165, 141, 156) }
```

# Background

The CSS property to change the background color of an element to RYB 165, 141, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 156) }
```

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

```
.background{ background-color: rgb(165,  
141, 156) }
```

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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