

# Converting Colors

`RYB(165, 130, 141)`

Have a look what the booklet for  
RYB(165, 130, 141) contains.

<b>RYB(165, 130, 141)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**R<sub>Y</sub>B(165, 130, 141)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5828D
RGB	165, 130, 141
RGB Percent	65%, 51%, 55%
CMY	0.3529, 0.4902, 0.4471
CMYK	0.00, 0.21, 0.15, 0.35
HSL	341°, 16%, 58%
HSV	341°, 21%, 65%
XYZ	28.3074, 25.8877, 28.7042
YIQ	141.7190, 17.3290, 10.8410

# Conversions

## Conversions Part 2

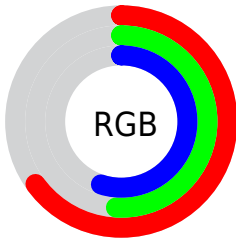
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 130, 141
Decimal	10846861
CIE <sub>Lab</sub>	57.93, 15.24, -0.77
CIE <sub>LCh</sub>	58, 15.260, 357.091
Yxy	25.8877, 0.3415, 0.3123
Android (android.graphics.Color)	4289036941 (0xFFA5828D)
YUV	141.7190, -0.3545, 20.4174
Hunter-Lab	50.8799, 10.2698, 2.1672

# Details

The RYB color **165, 130, 141** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **130, 151, 165**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **220, 183, 195**, and **113, 80, 91** is the 20% darker color. If you saturate the color by 10%, you get **165, 113, 130**, and if you desaturate by 10%, it is **165, 146, 152**.

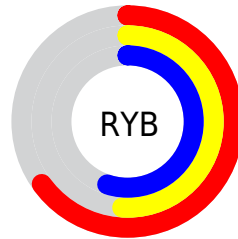
# Distribution



Red (65%)

Green (51%)

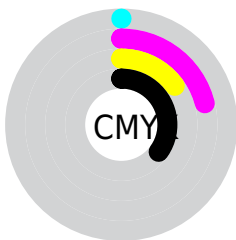
Blue (55%)



Red (65%)

Yellow (51%)

Blue (55%)

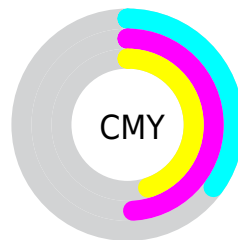


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (35%)



Cyan (35%)

Magenta (49%)

Yellow (45%)

# Brightness & Saturation Gradients


These gradients show how the RYB color 165, 130, 141 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, 130, 141 by changing the saturation by 10% instead.



 165, 130, 141


255, 255, 255

 220, 183, 195


 249, 211, 222

 255, 239, 251


 165, 130, 141

 138, 105, 115

 113, 80, 91

 88, 57, 68

 64, 35, 45

 41, 15, 25


 16, 0, 0

 0, 0, 0

 165, 130, 141

 165, 113, 130

 165, 130, 141

 165, 146, 152

165, 97, 118

165, 163, 164

165, 80, 107

165, 173, 179

165, 64, 96

165, 183, 196

165, 47, 84

165, 193, 212

165, 31, 73

165, 203, 229

165, 14, 62

165, 212, 245

165, 0, 52

165, 217, 255

165, 213, 255

# Harmonies

## Analogous

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



155, 132, 154



165, 130, 141



167, 131, 128

# Triad

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



165, 130, 141



115, 142, 121



109, 130, 161

# Complementary

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



165, 130, 141



130, 151, 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.



103, 126, 151



165, 130, 141



121, 142, 145

# Square

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



165, 130, 141



133, 151, 113



109, 131, 147



123, 136, 166

# Rectangle

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



165, 130, 141



164, 137, 120



109, 131, 147



106, 128, 158



# Sweetspot

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



165, 130, 141



214, 201, 205



154, 130, 165



107, 100, 102



235, 235, 235



107, 107, 107



# Same Dimension

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



165, 130, 141



214, 161, 177



165, 137, 130



82, 73, 76



145, 0, 46



18, 0, 6



# Inverse Universe

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



165, 130, 141



214, 161, 177



130, 146, 165



82, 73, 76



145, 0, 46

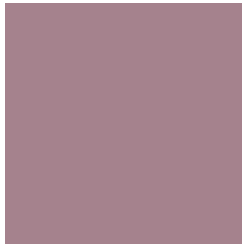


18, 0, 6



# Previews

## White Background



This preview shows how the RYB color 165, 130, 141 looks on a white background.

## Color Contrast Check

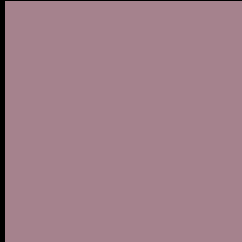
Large Text (above 18pt) WCAG AA ✓ Pass

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, 130, 141 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

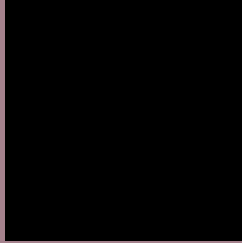
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## **RYB 165, 130, 141 Background**



This preview shows how black text looks on a background with the RYB color 165, 130, 141.



This preview shows how white text looks on a background with the RYB color 165, 130, 141.

# 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, 130, 141

**Protanopia**  
140, 139, 146

**Deuteranopia**  
152, 135, 140



**Tritanopia**  
165, 130, 140

# Trichromacy



**Original Color**

165, 130, 141

**Protanomaly**

149, 136, 144

**Deuteranomaly**

157, 133, 140

**Tritanomaly**

165, 130, 140

# Monochromacy



**Original Color**

165, 130, 141

**Achromatopsia**

142, 142, 142

**Achromatomaly**

150, 138, 142

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 165, 130, 141 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, 130, 141) looks like.

```
.text, #text, p{  
    color:rgb(165, 130, 141)  
}
```

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, 130, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 130, 141) }
```

## Border

The CSS property to change the border of an element to RYB 165, 130, 141 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, 130, 141) }
```

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

```
.border{ border-color:rgb(165, 130, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 130, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 130, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 130, 141);  
box-shadow:4px 4px 4px 4px rgb(165, 130,  
141) }
```

# Background

The CSS property to change the background color of an element to RYB 165, 130, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 130, 141) }
```

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

```
.background{ background-color: rgb(165,  
130, 141) }
```

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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