

# Converting Colors

`RYB(141, 109, 191)`

Have a look what the booklet for  
RYB(141, 109, 191) contains.

<b>RYB(141, 109, 191)</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(141, 109, 191)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D6DBF
RGB	141, 109, 191
RGB Percent	55%, 43%, 75%
CMY	0.4471, 0.5725, 0.2510
CMYK	0.26, 0.43, 0.00, 0.25
HSL	263°, 39%, 59%
HSV	263°, 43%, 75%
XYZ	25.8571, 20.3616, 51.8576
YIQ	127.9160, -7.2500, 32.2860

# Conversions

## Conversions Part 2

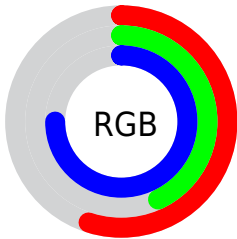
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 109, 191
Decimal	9268671
CIE <sub>Lab</sub>	52.24, 29.83, -38.53
CIE <sub>LCh</sub>	52, 48.722, 307.746
Yxy	20.3616, 0.2636, 0.2076
Android (android.graphics.Color)	4287458751 (0xFF8D6DBF)
YUV	127.9160, 31.1004, 11.4747
Hunter-Lab	45.1238, 23.3184, -36.5511

# Details

The RYB color **141, 109, 191** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **109, 191, 141**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **196, 161, 248**, and **88, 61, 137** is the 20% darker color. If you saturate the color by 10%, you get **129, 90, 191**, and if you desaturate by 10%, it is **153, 128, 191**.

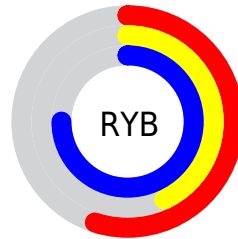
# Distribution



Red (55%)

Green (43%)

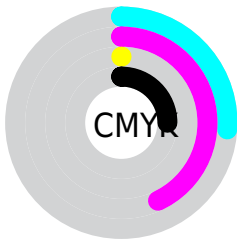
Blue (75%)



Red (55%)

Yellow (43%)

Blue (75%)

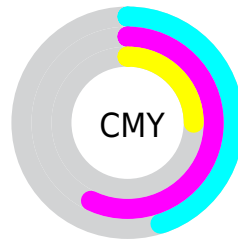


Cyan (26%)

Magenta (43%)

Yellow (0%)

Black (25%)



Cyan (45%)

Magenta (57%)


Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 141, 109, 191 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 141, 109, 191 by changing the saturation by 10% instead.



 141, 109, 191


255, 255, 255

 196, 161, 248

 225, 188, 255

 254, 216, 255

 255, 245, 255

 141, 109, 191

 114, 84, 164

 88, 61, 137

 63, 38, 111


 37, 16, 86


 14, 0, 63

 0, 3, 40


 0, 1, 18

 0, 0, 0

 141, 109, 191


 141, 109, 191

 129, 90, 191

 153, 128, 191


 118, 71, 191


 164, 147, 191


 106, 52, 191

 176, 166, 191


 94, 33, 191


 188, 185, 191


 83, 13, 191


 191, 204, 196

 75, 0, 191

 191, 224, 204

 191, 243, 211

 191, 255, 212

 191, 255, 200

# Harmonies

## Analogous

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



61, 106, 207



141, 109, 191



184, 93, 157

# Triad

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



141, 109, 191



162, 172, 45



0, 75, 145

# Complementary

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



141, 109, 191



109, 191, 141

# 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.



5, 90, 143



141, 109, 191



47, 137, 35

# Square

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



141, 109, 191



195, 99, 76



55, 137, 99



0, 79, 175

# Rectangle

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



141, 109, 191



198, 87, 130



55, 137, 99



0, 79, 145



# Sweetspot

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



141, 109, 191



228, 215, 247



109, 140, 191



113, 105, 125



252, 252, 252



125, 125, 125



# Same Dimension

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



141, 109, 191



169, 119, 247



181, 109, 191



89, 85, 94



62, 0, 158



12, 0, 31



# Inverse Universe

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



191, 109, 159



247, 119, 197



109, 191, 181



94, 85, 91



158, 0, 96

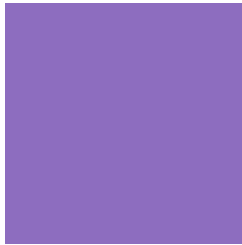


31, 0, 19



# Previews

## White Background



This preview shows how the RYB color 141, 109, 191 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 141, 109, 191 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

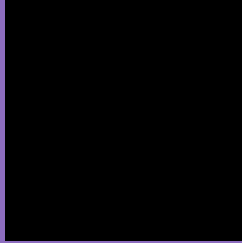
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RYB 141, 109, 191 Background



This preview shows how black text looks on a background with the RYB color 141, 109, 191.

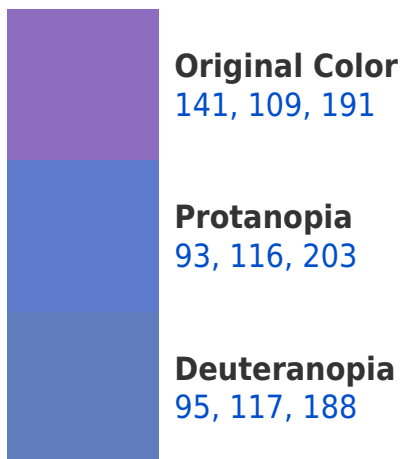


This preview shows how white text looks on a background with the RYB color 141, 109, 191.

# 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**  
130, 122, 132

# Trichromacy



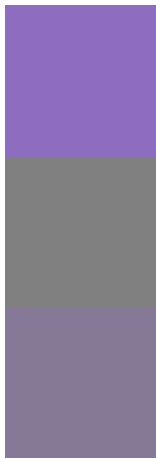
**Original Color**  
141, 109, 191

**Protanomaly**  
110, 116, 199

**Deuteranomaly**  
112, 118, 189

**Tritanomaly**  
134, 117, 153

# Monochromacy



**Original Color**  
141, 109, 191

**Achromatopsia**  
128, 128, 128

**Achromatomaly**  
133, 121, 151

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 141, 109, 191 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(141, 109, 191)` looks like.

```
.text, #text, p{  
    color:rgb(141, 109, 191)  
}
```

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(141, 109, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 109, 191) }
```

## Border

The CSS property to change the border of an element to RYB 141, 109, 191 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(141, 109, 191) }
```

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

```
.border{ border-color:rgb(141, 109, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 109, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 109, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 109, 191);  
box-shadow:4px 4px 4px 4px rgb(141, 109,  
191) }
```

# Background

The CSS property to change the background color of an element to RYB 141, 109, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 109, 191) }
```

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

```
.background{ background-color: rgb(141,  
109, 191) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor