

Converting Colors

`RYB(141, 97, 195)`

Have a look what the booklet for
RYB(141, 97, 195) contains.

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Color

R_YB(141, 97, 195)

Conversions

Conversions Part 1

Format	Color
Hex	8D61C3
RGB	141, 97, 195
RGB Percent	55%, 38%, 76%
CMY	0.4471, 0.6196, 0.2353
CMYK	0.28, 0.50, 0.00, 0.24
HSL	267°, 45%, 57%
HSV	267°, 50%, 76%
XYZ	25.1095, 18.1522, 53.8101
YIQ	121.3280, -5.2340, 39.8060

Conversions

Conversions Part 2

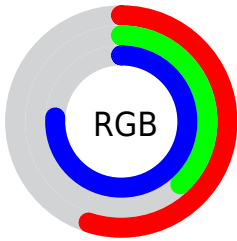
Format	Color
R_{YB}	141, 97, 195
Decimal	9265603
CIE _{Lab}	49.68, 37.72, -44.88
CIE _{LCh}	50, 58.629, 310.046
Yxy	18.1522, 0.2587, 0.1870
Android (android.graphics.Color)	4287455683 (0xFF8D61C3)
YUV	121.3280, 36.3203, 17.2523
Hunter-Lab	42.6054, 30.6395, -45.0586

Details

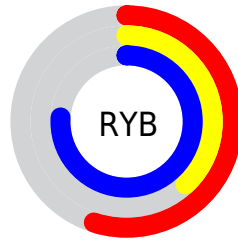
The RYB color **141, 97, 195** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **97, 195, 141**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **197, 149, 252**, and **87, 48, 141** is the 20% darker color. If you saturate the color by 10%, you get **130, 78, 195**, and if you desaturate by 10%, it is **152, 116, 195**.

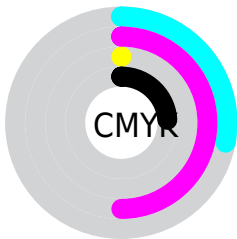
Distribution



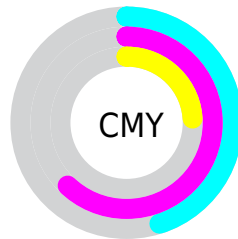
- Red (55%)
- Green (38%)
- Blue (76%)



- Red (55%)
- Yellow (38%)
- Blue (76%)



- Cyan (28%)
- Magenta (50%)
- Yellow (0%)
- Black (24%)




- Cyan (45%)
- Magenta (62%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 97, 195 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, 97, 195 by changing the saturation by 10% instead.

 141, 97, 195


255, 255, 255


 197, 149, 252

 226, 176, 255


 255, 203, 255

 255, 232, 255

 141, 97, 195

 114, 72, 167

 87, 48, 141

 61, 25, 115


 34, 1, 90


 12, 0, 66


 0, 3, 42

 0, 1, 21

 0, 0, 0

 141, 97, 195

 141, 97, 195


 130, 78, 195

 152, 116, 195

 120, 58, 195

 162, 136, 195


 109, 39, 195

 173, 156, 195

 98, 19, 195

 184, 175, 195

 88, 0, 195

 195, 195, 195

 195, 214, 204

 195, 233, 212

 195, 253, 221

 195, 255, 212

Harmonies

Analogous

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



12, 82, 217



141, 97, 195



190, 74, 153

Triad

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



141, 97, 195



120, 168, 10



0, 72, 141

Complementary

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



141, 97, 195



97, 195, 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.



0, 87, 139



141, 97, 195



5, 126, 0

Square

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



141, 97, 195



197, 86, 56



33, 133, 95



0, 79, 181

Rectangle

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



141, 97, 195



204, 66, 120



33, 133, 95



0, 77, 141

Sweetspot

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



141, 97, 195



232, 215, 252



97, 133, 195



115, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



141, 97, 195



169, 101, 252



188, 97, 195



92, 87, 97



72, 0, 161



15, 0, 33

Inverse Universe

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



195, 97, 151



252, 101, 184



97, 195, 188



97, 87, 93



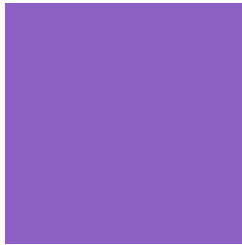
161, 0, 89



33, 0, 18

Previews

White Background



This preview shows how the RYB color 141, 97, 195 looks on a white background.

Color Contrast Check

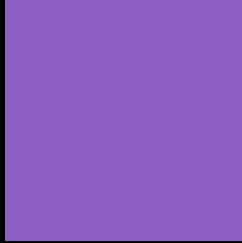
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 141, 97, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

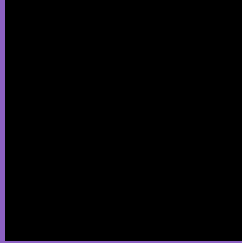
Any Text WCAG AA ✓ Pass

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, 97, 195 Background



This preview shows how black text looks on a background with the RYB color 141, 97, 195.

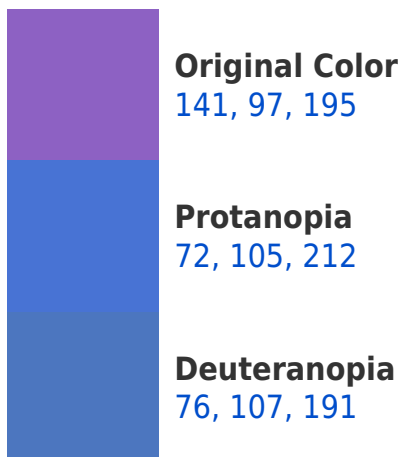



This preview shows how white text looks on a background with the RYB color 141, 97, 195.

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
128, 114, 123

Trichromacy



Original Color
141, 97, 195

Protanomaly
97, 107, 206

Deuteranomaly
100, 110, 192

Tritanomaly
133, 108, 149

Monochromacy



Original Color
141, 97, 195

Achromatopsia
121, 121, 121

Achromatomaly
128, 112, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 97, 195 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, 97, 195)` looks like.

```
.text, #text, p{  
    color:rgb(141, 97, 195)  
}
```

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, 97, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 97, 195) }
```

Border

The CSS property to change the border of an element to RYB 141, 97, 195 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, 97, 195) }
```

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

```
.border{ border-color:rgb(141, 97, 195) }
```

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

Here you see how a box with a 4 pixel rgb(141, 97, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 97, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 97, 195);  
box-shadow:4px 4px 4px 4px rgb(141, 97,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 141, 97, 195 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 97, 195) }
```

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

```
.background{ background-color: rgb(141, 97,  
195) }
```

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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