

Converting Colors

`RYB(134, 101, 170)`

Have a look what the booklet for
RYB(134, 101, 170) contains.

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Color

R_YB(134, 101, 170)

Conversions

Conversions Part 1

Format	Color
Hex	8665AA
RGB	134, 101, 170
RGB Percent	53%, 40%, 67%
CMY	0.4745, 0.6039, 0.3333
CMYK	0.21, 0.41, 0.00, 0.33
HSL	269°, 29%, 53%
HSV	269°, 41%, 67%
XYZ	21.7409, 17.2780, 40.2193
YIQ	118.7330, -2.4810, 28.4550

Conversions

Conversions Part 2

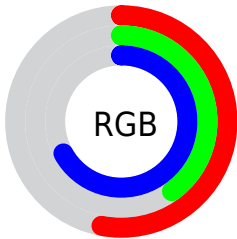
Format	Color
RYB	134, 101, 170
Decimal	8807850
CIELab	48.61, 27.30, -32.11
CIELCh	49, 42.145, 310.374
Yxy	17.2780, 0.2744, 0.2181
Android (android.graphics.Color)	4286997930 (0xFF8665AA)
YUV	118.7330, 25.2746, 13.3892
Hunter-Lab	41.5668, 20.6199, -28.2713

Details

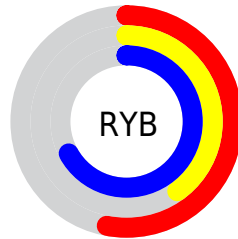
The RYB color **134, 101, 170** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **101, 170, 134**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **188, 152, 226**, and **83, 53, 117** is the 20% darker color. If you saturate the color by 10%, you get **125, 84, 170**, and if you desaturate by 10%, it is **143, 118, 170**.

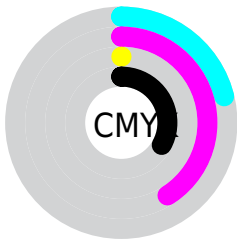
Distribution



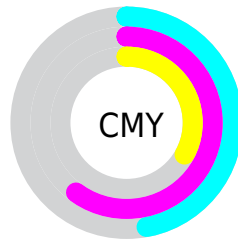
- Red (53%)
- Green (40%)
- Blue (67%)



- Red (53%)
- Yellow (40%)
- Blue (67%)



- Cyan (21%)
- Magenta (41%)
- Yellow (0%)
- Black (33%)




- Cyan (47%)
- Magenta (60%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RYB color 134, 101, 170 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 134, 101, 170 by changing the saturation by 10% instead.

 134, 101, 170


255, 255, 255


 188, 152, 226

 217, 179, 254

 245, 207, 255

 255, 235, 255

 134, 101, 170


 108, 77, 143

 83, 53, 117


 58, 31, 92

 34, 9, 68


 13, 0, 46

 0, 1, 24

 0, 0, 0

 134, 101, 170

 125, 84, 170

 134, 101, 170

 143, 118, 170

116, 67, 170

152, 135, 170

107, 50, 170

161, 152, 170

99, 33, 170

169, 169, 170

90, 16, 170

170, 186, 178

81, 0, 170

170, 203, 186

170, 220, 194

170, 237, 202

170, 254, 210

Harmonies

Analogous

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



74, 104, 186



134, 101, 170



168, 88, 140

Triad

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



134, 101, 170



140, 155, 47



0, 68, 133

Complementary

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



134, 101, 170



101, 170, 134

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.



21, 89, 132



134, 101, 170



47, 124, 41

Square

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



134, 101, 170



176, 97, 71



59, 126, 100



0, 73, 161

Rectangle

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



134, 101, 170



179, 84, 116



59, 126, 100



0, 71, 133

Sweetspot

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



134, 101, 170



208, 195, 222



101, 125, 170



104, 96, 112



240, 240, 240



112, 112, 112

Same Dimension

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



134, 101, 170



165, 113, 222



168, 101, 170



80, 76, 84



71, 0, 148



10, 0, 20

Inverse Universe

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



170, 101, 137



222, 113, 170



101, 170, 168



84, 76, 80



148, 0, 77



20, 0, 11

Previews

White Background



This preview shows how the RYB color 134, 101, 170 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 134, 101, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

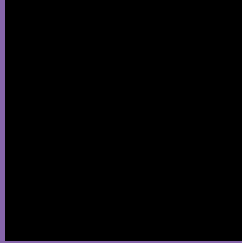
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 134, 101, 170 Background



This preview shows how black text looks on a background with the RYB color 134, 101, 170.

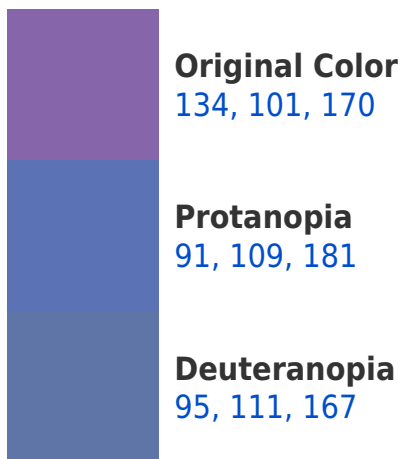


This preview shows how white text looks on a background with the RYB color 134, 101, 170.

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
125, 112, 120

Trichromacy



Original Color
134, 101, 170

Protanomaly
107, 109, 177

Deuteranomaly
109, 110, 168

Tritanomaly
128, 108, 138

Monochromacy



Original Color
134, 101, 170

Achromatopsia
119, 119, 119

Achromatomaly
124, 112, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 101, 170 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(134, 101, 170)` looks like.

```
.text, #text, p{  
    color:rgb(134, 101, 170)  
}
```

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(134, 101, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 101, 170) }
```

Border

The CSS property to change the border of an element to RYB 134, 101, 170 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(134, 101, 170) }
```

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

```
.border{ border-color:rgb(134, 101, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 101, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 101, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 101, 170);  
box-shadow:4px 4px 4px 4px rgb(134, 101,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 134, 101, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 101, 170) }
```

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

```
.background{ background-color: rgb(134,  
101, 170) }
```

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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