

Converting Colors

`RYB(134, 111, 136)`

Have a look what the booklet for
RYB(134, 111, 136) contains.

RYB(134, 111, 136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(134, 111, 136)

Conversions

Conversions Part 1

Format	Color
Hex	866F88
RGB	134, 111, 136
RGB Percent	53%, 44%, 53%
CMY	0.4745, 0.5647, 0.4667
CMYK	0.01, 0.18, 0.00, 0.47
HSL	295°, 10%, 48%
HSV	295°, 18%, 53%
XYZ	19.9599, 18.2148, 25.7564
YIQ	120.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

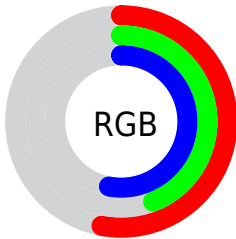
Format	Color
R_{YB}	134, 111, 136
Decimal	8810376
CIE _{Lab}	49.76, 13.77, -10.32
CIE _{LCh}	50, 17.205, 323.146
Yxy	18.2148, 0.3122, 0.2849
Android (android.graphics.Color)	4287000456 (0xFF866F88)
YUV	120.7270, 7.5296, 11.6404
Hunter-Lab	42.6788, 8.7925, -5.9060

Details

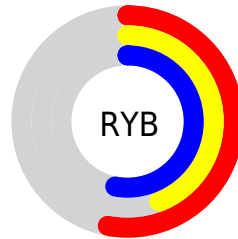
The RYB color **134, 111, 136** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **111, 136, 134**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **187, 163, 189**, and **84, 63, 86** is the 20% darker color. If you saturate the color by 10%, you get **133, 97, 136**, and if you desaturate by 10%, it is **135, 125, 136**.

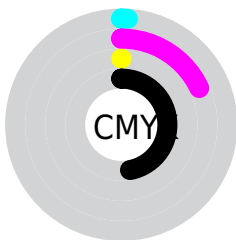
Distribution



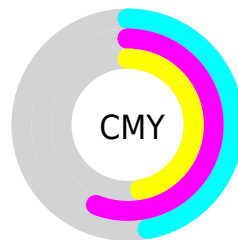
- Red (53%)
- Green (44%)
- Blue (53%)



- Red (53%)
- Yellow (44%)
- Blue (53%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 111, 136 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, 111, 136 by changing the saturation by 10% instead.

■ 134, 111, 136

255, 255, 255

■ 187, 163, 189

■ 215, 190, 217

■ 244, 218, 246

■ 255, 246, 255

■ 134, 111, 136

■ 133, 97, 136

■ 132, 84, 136

■ 134, 111, 136

■ 109, 87, 111

■ 84, 63, 86

■ 61, 41, 63

■ 39, 20, 41

■ 19, 0, 21

■ 0, 0, 0

■ 134, 111, 136

■ 135, 125, 136

■ 136, 138, 138

■ 131, 70, 136

■ 136, 152, 151

■ 130, 57, 136

■ 136, 165, 163

■ 129, 43, 136

■ 136, 179, 176

■ 127, 29, 136

■ 136, 193, 188

■ 126, 16, 136

■ 136, 206, 200

■ 125, 2, 136

■ 136, 220, 213

■ 125, 0, 136

■ 136, 233, 225

Harmonies

Analogous

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



116, 116, 145



134, 111, 136



145, 108, 122

Triad

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



134, 111, 136



118, 133, 90



77, 102, 129

Complementary

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



134, 111, 136



111, 136, 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.



86, 110, 126



134, 111, 136



91, 121, 95

Square

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



134, 111, 136



144, 120, 96



100, 125, 124



81, 106, 141

Rectangle

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



134, 111, 136



148, 108, 112



100, 125, 124



79, 104, 127

Sweetspot

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



134, 111, 136



175, 165, 176



111, 113, 136



89, 83, 89



217, 217, 217



89, 89, 89

Same Dimension

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



134, 111, 136



173, 137, 176



136, 111, 126



68, 62, 69



122, 0, 133



5, 0, 5

Inverse Universe

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



136, 111, 113



176, 137, 140



111, 129, 136



69, 62, 63



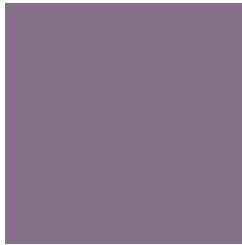
133, 0, 11



5, 0, 0

Previews

White Background



This preview shows how the RYB color 134, 111, 136 looks on a white background.

Color Contrast Check

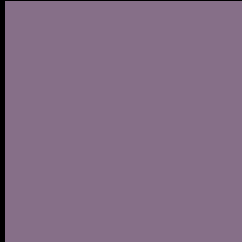
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

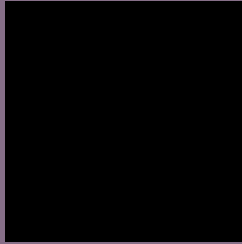
Any Text WCAG AA ✓ Pass

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 134, 111, 136 Background



This preview shows how black text looks on a background with the RYB color 134, 111, 136.



This preview shows how white text looks on a background with the RYB color 134, 111, 136.

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
134, 111, 136

Protanopia
114, 117, 140

Deuteranopia
122, 115, 135



Tritanopia
132, 113, 122

Trichromacy



Original Color

134, 111, 136

Protanomaly

121, 115, 139

Deuteranomaly

126, 114, 135

Tritanomaly

133, 112, 127

Monochromacy



Original Color

134, 111, 136

Achromatopsia

121, 121, 121

Achromatomaly

126, 117, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 111, 136 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, 111, 136) looks like.

```
.text, #text, p{  
    color:rgb(134, 111, 136)  
}
```

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, 111, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 111, 136) }
```

Border

The CSS property to change the border of an element to RYB 134, 111, 136 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, 111, 136) }
```

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

```
.border{ border-color:rgb(134, 111, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 111, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 111, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 111, 136);  
box-shadow:4px 4px 4px 4px rgb(134, 111,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 134, 111, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 111, 136) }
```

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

```
.background{ background-color: rgb(134,  
111, 136) }
```

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