

Converting Colors

`RYB(134, 111, 163)`

Have a look what the booklet for
RYB(134, 111, 163) contains.

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Color

R_YB(134, 111, 163)

Conversions

Conversions Part 1

Format	Color
Hex	866FA3
RGB	134, 111, 163
RGB Percent	53%, 44%, 64%
CMY	0.4745, 0.5647, 0.3608
CMYK	0.18, 0.32, 0.00, 0.36
HSL	267°, 22%, 54%
HSV	267°, 32%, 64%
XYZ	22.1268, 19.0816, 37.1672
YIQ	123.8050, -2.9840, 21.0480

Conversions

Conversions Part 2

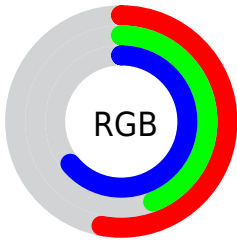
Format	Color
RYB	134, 111, 163
Decimal	8810403
CIELab	50.78, 19.73, -24.63
CIELCh	51, 31.559, 308.691
Yxy	19.0816, 0.2823, 0.2435
Android (android.graphics.Color)	4287000483 (0xFF866FA3)
YUV	123.8050, 19.3231, 8.9410
Hunter-Lab	43.6824, 13.9728, -19.8692

Details

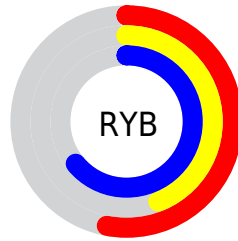
The RYB color **134, 111, 163** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **111, 163, 134**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **188, 163, 218**, and **83, 63, 111** is the 20% darker color. If you saturate the color by 10%, you get **125, 95, 163**, and if you desaturate by 10%, it is **143, 127, 163**.

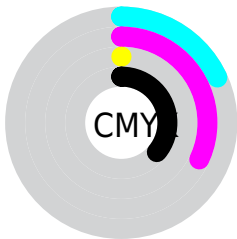
Distribution



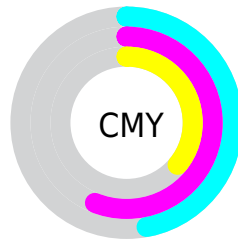
- Red (53%)
- Green (44%)
- Blue (64%)



- Red (53%)
- Yellow (44%)
- Blue (64%)



- Cyan (18%)
- Magenta (32%)
- Yellow (0%)
- Black (36%)



- Cyan (47%)
- Magenta (56%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 111, 163 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, 163 by changing the saturation by 10% instead.

■ 134, 111, 163

255, 255, 255

■ 188, 163, 218

■ 216, 190, 247

■ 244, 218, 255

■ 255, 246, 255

■ 134, 111, 163

■ 108, 86, 137

■ 83, 63, 111

■ 59, 41, 86

■ 36, 20, 63

■ 19, 0, 41

■ 0, 1, 19

■ 0, 0, 0


■ 134, 111, 163

■ 125, 95, 163


■ 134, 111, 163

■ 143, 127, 163

 116, 78, 163

 152, 144, 163

 107, 62, 163

 161, 160, 163

 98, 46, 163

 163, 176, 169

 89, 30, 163

 163, 193, 177

 79, 13, 163

 163, 209, 183

 72, 0, 163

 163, 225, 190

 163, 241, 197

 163, 255, 202

Harmonies

Analogous

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



94, 114, 174



134, 111, 163



161, 102, 141

Triad

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



134, 111, 163



152, 154, 71



18, 78, 135

Complementary

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



134, 111, 163



111, 163, 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.



67, 112, 134



134, 111, 163



77, 131, 67

Square

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



134, 111, 163



170, 107, 89



78, 129, 106



0, 72, 154

Rectangle

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



134, 111, 163



170, 100, 123



78, 129, 106



39, 91, 135

Sweetspot

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



134, 111, 163



200, 190, 212



111, 130, 163



100, 94, 107



235, 235, 235



107, 107, 107

Same Dimension

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



134, 111, 163



167, 131, 212



160, 111, 163



77, 73, 82



64, 0, 145



8, 0, 18

Inverse Universe

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



163, 111, 140



212, 131, 176



111, 163, 160



82, 73, 78



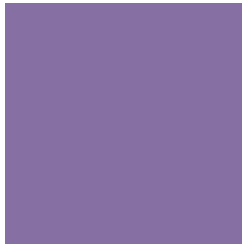
145, 0, 81



18, 0, 10

Previews

White Background



This preview shows how the RYB color 134, 111, 163 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 134, 111, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

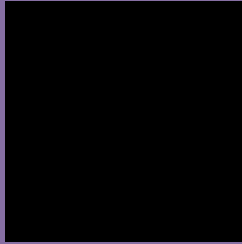
Any Text WCAG AA ✓ Pass

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, 163 Background



This preview shows how black text looks on a background with the RYB color 134, 111, 163.



This preview shows how white text looks on a background with the RYB color 134, 111, 163.

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

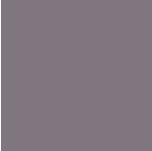
134, 111, 163

Protanopia

106, 117, 169

Deuteranopia

110, 118, 161



Tritanopia
128, 118, 127

Trichromacy



Original Color
134, 111, 163

Protanomaly
116, 116, 167

Deuteranomaly
119, 116, 162

Tritanomaly
130, 115, 140

Monochromacy



Original Color
134, 111, 163

Achromatopsia
124, 124, 124

Achromatomaly
128, 119, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 111, 163 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(134, 111, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 111, 163) }
```

Border

The CSS property to change the border of an element to RYB 134, 111, 163 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, 163) }
```

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

```
.border{ border-color:rgb(134, 111, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 111, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 111, 163);  
box-shadow:4px 4px 4px 4px rgb(134, 111,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 134, 111, 163 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, 163) }
```

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

```
.background{ background-color: rgb(134,  
111, 163) }
```

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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