

Converting Colors

`RYB(136, 147, 185)`

Have a look what the booklet for RYB(136, 147, 185) contains.

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Color

R_YB(136, 147, 185)

Conversions

Conversions Part 1

Format	Color
Hex	8896B9
RGB	136, 150, 185
RGB Percent	53%, 59%, 73%
CMY	0.4667, 0.4110, 0.2745
CMYK	0.26, 0.19, 0.00, 0.27
HSL	223°, 26%, 63%
HSV	223°, 26%, 73%
XYZ	29.8461, 30.6086, 50.2339
YIQ	149.8040, -19.5790, 7.9170

Conversions

Conversions Part 2

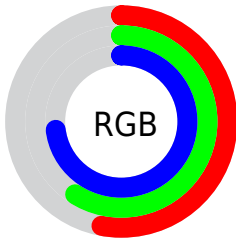
Format	Color
R_{YB}	136, 147, 185
Decimal	8951481
CIE _{Lab}	62.18, 2.88, -19.75
CIE _{LCh}	62, 19.964, 278.308
Yxy	30.6086, 0.2696, 0.2765
Android (android.graphics.Color)	4287141561 (0xFF8896B9)
YUV	149.8040, 17.3516, -12.1061
Hunter-Lab	55.3250, -0.5237, -15.1066

Details

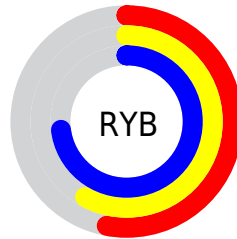
The RYB color **136, 147, 185** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **156, 185, 136**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **190, 201, 241**, and **85, 96, 132** is the 20% darker color. If you saturate the color by 10%, you get **118, 133, 185**, and if you desaturate by 10%, it is **155, 161, 185**.

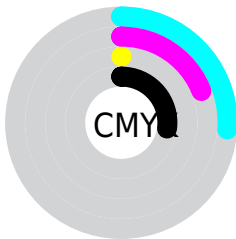
Distribution



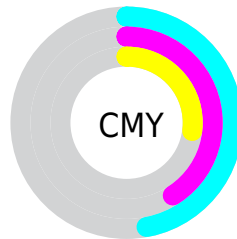
- Red (53%)
- Green (59%)
- Blue (73%)



- Red (53%)
- Yellow (58%)
- Blue (73%)



- Cyan (26%)
- Magenta (19%)
- Yellow (0%)
- Black (27%)



- Cyan (47%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 147, 185 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 136, 147, 185 by changing the saturation by 10% instead.

■ 136, 147, 185

255, 255, 255

■ 190, 201, 241

■ 218, 228, 255

■ 247, 251, 255

■ 136, 147, 185

■ 110, 121, 158

■ 85, 96, 132

■ 61, 72, 107

■ 37, 49, 82

■ 12, 26, 59

■ 0, 7, 37

■ 0, 1, 15


■ 0, 0, 0

■ 136, 147, 185


■ 136, 147, 185

 118, 133, 185

 155, 161, 185

 99, 118, 185

 173, 175, 185

 81, 104, 185

 188, 192, 185

 62, 90, 185

 195, 210, 185

 44, 75, 185

 203, 229, 185

 25, 61, 185

 210, 247, 185

 6, 46, 185

 201, 255, 185

 0, 42, 185

 185, 255, 185

Harmonies

Analogous

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



114, 140, 183



136, 147, 185



159, 144, 178

Triad

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



136, 147, 185



185, 143, 129



119, 147, 159

Complementary

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



136, 147, 185



156, 185, 136

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.



122, 156, 139



136, 147, 185



175, 169, 118

Square

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



136, 147, 185



186, 138, 146



125, 159, 115



104, 133, 160

Rectangle

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



136, 147, 185



172, 141, 169



125, 159, 115



125, 153, 158

Sweetspot

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



136, 147, 185



221, 225, 240



136, 165, 185



108, 110, 120



247, 247, 247



120, 120, 120

Same Dimension

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



136, 147, 185



163, 180, 240



146, 136, 185



83, 85, 92



0, 35, 156



0, 6, 28

Inverse Universe

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



185, 136, 150



240, 163, 185



136, 185, 146



92, 83, 85



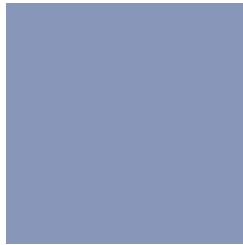
156, 0, 45



28, 0, 8

Previews

White Background



This preview shows how the RYB color 136, 147, 185 looks on a white background.

Color Contrast Check

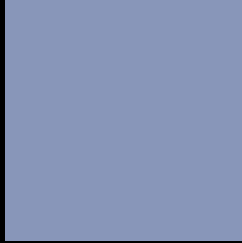
Large Text (above 18pt) WCAG AA × Fail

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 136, 147, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

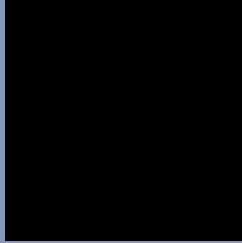
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

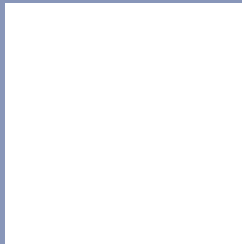
Any Text WCAG AAA ✓ Pass

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

RYB 136, 147, 185 Background



This preview shows how black text looks on a background with the RYB color 136, 147, 185.



This preview shows how white text looks on a background with the RYB color 136, 147, 185.

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](#).

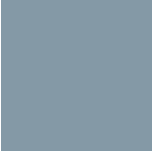
Dichromacy



Original Color
136, 147, 185

Protanopia
142, 148, 184

Deuteranopia
147, 147, 186



Tritanopia

132, 145, 166

Trichromacy



Original Color

136, 147, 185

Protanomaly

140, 147, 184

Deuteranomaly

143, 147, 186

Tritanomaly

133, 146, 173

Monochromacy



Original Color

136, 147, 185

Achromatopsia

150, 150, 150

Achromatomaly

145, 149, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 147, 185 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(136, 150, 185) looks like.

```
.text, #text, p{  
    color:rgb(136, 150, 185)  
}
```

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(136, 150, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 150, 185) }
```

Border

The CSS property to change the border of an element to RYB 136, 147, 185 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(136, 150, 185) }
```

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

```
.border{ border-color:rgb(136, 150, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 150, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 150, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 150, 185);  
box-shadow:4px 4px 4px 4px rgb(136, 150,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 136, 147, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 150, 185) }
```

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

```
.background{ background-color: rgb(136,  
150, 185) }
```

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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