

Converting Colors

`RYB(136, 169, 187)`

Have a look what the booklet for
RYB(136, 169, 187) contains.

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Color

R_YB(136, 169, 187)

Conversions

Conversions Part 1

Format	Color
Hex	88BBA4
RGB	136, 187, 164
RGB Percent	53%, 73%, 64%
CMY	0.4667, 0.2667, 0.3576
CMYK	0.27, 0.00, 0.12, 0.27
HSL	153°, 27%, 63%
HSV	153°, 27%, 73%
XYZ	34.6081, 43.4487, 41.5983
YIQ	169.1290, -23.0130, -17.9650

Conversions

Conversions Part 2

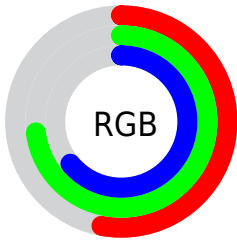
Format	Color
RYB	136, 169, 187
Decimal	8960932
CIELab	71.86, -21.66, 6.36
CIELCh	72, 22.574, 163.643
Yxy	43.4487, 0.2892, 0.3631
Android (android.graphics.Color)	4287151012 (0xFF88BBA4)
YUV	169.1290, -2.5286, -29.0541
Hunter-Lab	65.9156, -21.6333, 8.7239

Details

The RYB color **136, 169, 187** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **187, 136, 159**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **190, 224, 243**, and **85, 117, 134** is the 20% darker color. If you saturate the color by 10%, you get **117, 162, 187**, and if you desaturate by 10%, it is **155, 176, 187**.

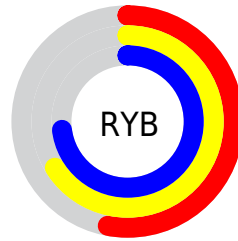
Distribution



Red (53%)

Green (73%)

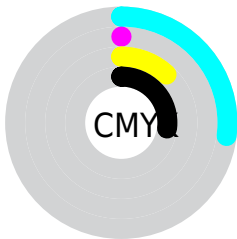
Blue (64%)



Red (53%)

Yellow (66%)

Blue (73%)

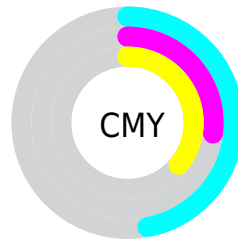


Cyan (27%)

Magenta (0%)

Yellow (12%)

Black (27%)



Cyan (47%)

Magenta (27%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 169, 187 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, 169, 187 by changing the saturation by 10% instead.

 136, 169, 187

255, 255, 255


 190, 224, 243

 219, 239, 255

 247, 251, 255

 136, 169, 187

 110, 142, 160

 85, 117, 134

 60, 90, 108

 35, 66, 84

 8, 39, 60

 0, 24, 38

 0, 13, 13


 0, 0, 0

 136, 169, 187


 136, 169, 187

 117, 162, 187


 155, 176, 187


 99, 156, 187


 173, 182, 187

 80, 149, 187


 192, 187, 189

 61, 142, 187

 211, 187, 198

 43, 136, 187


 229, 187, 206

 24, 129, 187

 248, 187, 215

 5, 123, 187

 255, 187, 223

 0, 121, 187

 255, 187, 232

 255, 187, 240

Harmonies

Analogous

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



146, 183, 170



136, 169, 187



120, 155, 188

Triad

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



136, 169, 187



164, 173, 216



215, 170, 149

Complementary

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



136, 169, 187



187, 136, 159

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.



219, 162, 167



136, 169, 187



191, 168, 206

Square

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



136, 169, 187



137, 165, 215



210, 163, 188



196, 202, 137

Rectangle

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



136, 169, 187



118, 155, 198



210, 163, 188



218, 164, 154

Sweetspot

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



136, 169, 187



223, 235, 242



136, 187, 163



110, 118, 122



250, 250, 250



122, 122, 122

Same Dimension

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



136, 169, 187



162, 214, 242



136, 161, 187



85, 91, 94



0, 102, 158



0, 20, 31

Inverse Universe

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



187, 136, 159



242, 162, 199



187, 138, 136



94, 85, 89



158, 0, 72



31, 0, 14

Previews

White Background



This preview shows how the RYB color 136, 169, 187 looks on a white background.

Color Contrast Check

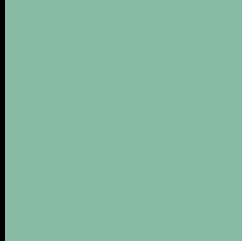
Large Text (above 18pt) WCAG AA × Fail

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, 169, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

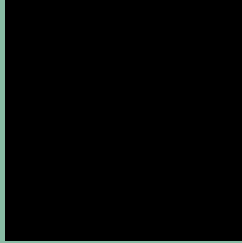
Any Text WCAG AA ✓ Pass

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, 169, 187 Background



This preview shows how black text looks on a background with the RYB color 136, 169, 187.

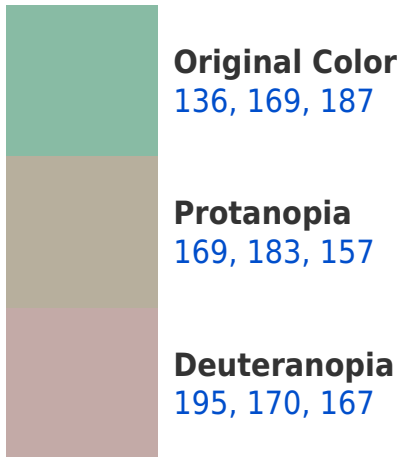


This preview shows how white text looks on a background with the RYB color 136, 169, 187.

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](#).

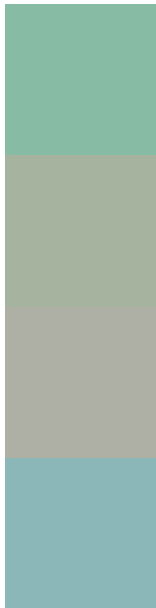
Dichromacy





Tritanopia
143, 166, 197

Trichromacy



Original Color
136, 169, 187

Protanomaly
159, 179, 172

Deuteranomaly
166, 176, 168

Tritanomaly
140, 162, 185

Monochromacy



Original Color
136, 169, 187

Achromatopsia
169, 169, 169

Achromatomaly
157, 169, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 169, 187 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, 187, 164)` looks like.

```
.text, #text, p{  
    color:rgb(136, 187, 164)  
}
```

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, 187, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 187, 164) }
```

Border

The CSS property to change the border of an element to RYB 136, 169, 187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

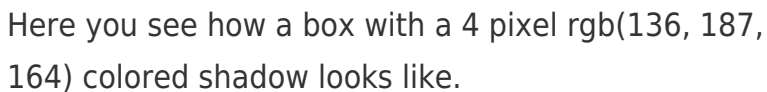
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 187, 164) }
```

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

```
.border{ border-color:rgb(136, 187, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 187, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 187, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 187, 164); box-shadow:4px 4px 4px 4px rgb(136, 187, 164) }
```

Background

The CSS property to change the background color of an element to RYB 136, 169, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 187, 164) }
```

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

```
.background{ background-color: rgb(136,  
187, 164) }
```

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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