

Converting Colors

`RYB(136, 201, 168)`

Have a look what the booklet for
RYB(136, 201, 168) contains.

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Color

R_YB(136, 201, 168)

Conversions

Conversions Part 1

Format	Color
Hex	A9C988
RGB	169, 201, 136
RGB Percent	66%, 79%, 53%
CMY	0.3373, 0.2118, 0.4667
CMYK	0.16, 0.00, 0.32, 0.21
HSL	90°, 38%, 66%
HSV	90°, 32%, 79%
XYZ	41.6928, 51.9859, 31.1294
YIQ	184.0220, 1.7930, -26.9990

Conversions

Conversions Part 2

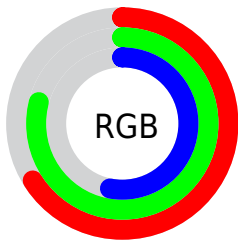
Format	Color
RYB	136, 201, 168
Decimal	11127176
CIELab	77.27, -22.13, 29.06
CIELCh	77, 36.526, 127.290
Yxy	51.9859, 0.3341, 0.4165
Android (android.graphics.Color)	4289317256 (0xFFA9C988)
YUV	184.0220, -23.6748, -13.1743
Hunter-Lab	72.1012, -22.9590, 24.8727

Details

The RYB color **136, 201, 168** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **168, 136, 201**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **190, 255, 220**, and **85, 147, 116** is the 20% darker color. If you saturate the color by 10%, you get **116, 201, 158**, and if you desaturate by 10%, it is **156, 201, 178**.

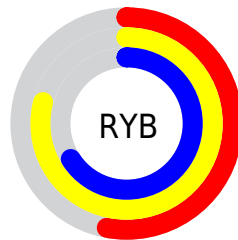
Distribution



Red (66%)

Green (79%)

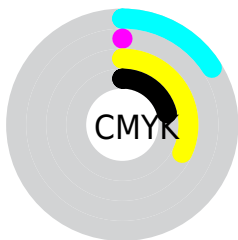
Blue (53%)



Red (53%)

Yellow (79%)

Blue (66%)

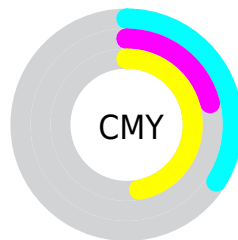


Cyan (16%)

Magenta (0%)

Yellow (32%)

Black (21%)



Cyan (34%)

Magenta (21%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 201, 168 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, 201, 168 by changing the saturation by 10% instead.

 136, 201, 168


255, 255, 255


 190, 255, 220


 218, 255, 219

 246, 255, 246

 136, 201, 168

 110, 174, 142


 85, 147, 116

 61, 121, 91

 38, 96, 68

 15, 72, 45

 0, 49, 28

 0, 30, 30

 0, 0, 0

 136, 201, 168

 136, 201, 168

 116, 201, 158

 156, 201, 178

 96, 201, 148

 176, 201, 188

 76, 201, 138

 196, 201, 198

 56, 201, 128

 209, 201, 216

 36, 201, 117

 218, 201, 237

 15, 201, 106

 228, 201, 255

 0, 201, 99

 238, 201, 255

 248, 201, 255

 255, 201, 255

Harmonies

Analogous

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



141, 206, 123



136, 201, 168



129, 183, 207

Triad

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



136, 201, 168



105, 163, 252



255, 165, 184

Complementary

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



136, 201, 168



168, 136, 201

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.



241, 169, 218



136, 201, 168



157, 182, 255

Square

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



136, 201, 168



71, 145, 231



206, 179, 245



254, 174, 151

Rectangle

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



136, 201, 168



101, 161, 209



206, 179, 245



254, 165, 195

Sweetspot

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



136, 201, 168



230, 255, 243



201, 195, 136



112, 128, 120



0, 0, 0



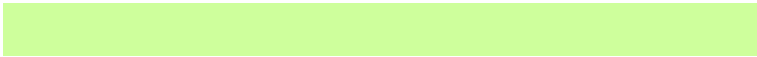
128, 128, 128

Same Dimension

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



136, 201, 168



156, 255, 205



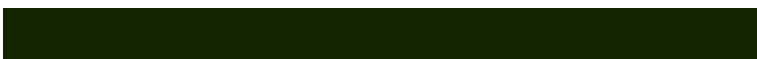
136, 201, 200



90, 99, 94



0, 163, 80



0, 36, 18

Inverse Universe

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



168, 136, 201



205, 156, 255



200, 136, 201



94, 90, 99



80, 0, 163



18, 0, 36

Previews

White Background



This preview shows how the RYB color 136, 201, 168 looks on a white background.

Color Contrast Check

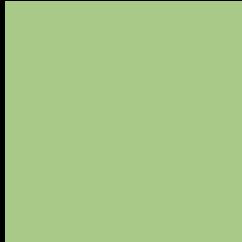
Large Text (above 18pt) WCAG AA × Fail

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, 201, 168 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, 201, 168 Background



This preview shows how black text looks on a background with the RYB color 136, 201, 168.

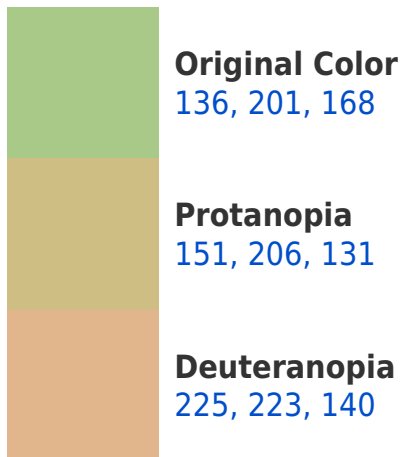


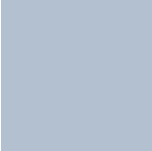
This preview shows how white text looks on a background with the RYB color 136, 201, 168.

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
179, 188, 207

Trichromacy



Original Color
136, 201, 168

Protanomaly
133, 194, 134

Deuteranomaly
160, 205, 139

Tritanomaly
175, 190, 195

Monochromacy



Original Color
136, 201, 168

Achromatopsia
184, 184, 184

Achromatomaly
167, 190, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 201, 168 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(169, 201, 136) looks like.

```
.text, #text, p{  
    color:rgb(169, 201, 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(169, 201, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 201, 136) }
```

Border

The CSS property to change the border of an element to RYB 136, 201, 168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

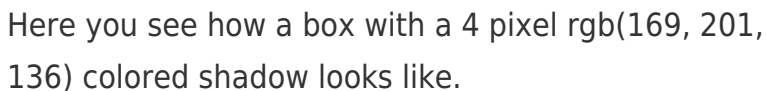
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 201, 136) }
```

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

```
.border{ border-color:rgb(169, 201, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 201, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 201, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 201, 136); box-shadow:4px 4px 4px 4px rgb(169, 201, 136) }
```

Background

The CSS property to change the background color of an element to RYB 136, 201, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 201, 136) }
```

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

```
.background{ background-color: rgb(169,  
201, 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](#).

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