

Converting Colors

`RYB(136, 219, 198)`

Have a look what the booklet for
RYB(136, 219, 198) contains.

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Color

R_YB(136, 219, 198)

Conversions

Conversions Part 1

Format	Color
Hex	9DDB88
RGB	157, 219, 136
RGB Percent	62%, 86%, 53%
CMY	0.3843, 0.1412, 0.4667
CMYK	0.28, 0.00, 0.38, 0.14
HSL	105°, 54%, 70%
HSV	105°, 38%, 86%
XYZ	43.6801, 59.6087, 32.4960
YIQ	191.0000, -10.3090, -38.9570

Conversions

Conversions Part 2

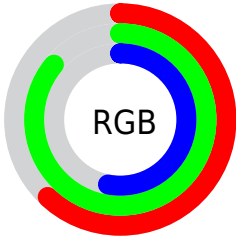
Format	Color
RYB	136, 219, 198
Decimal	10345352
CIELab	81.63, -34.95, 34.66
CIELCh	82, 49.223, 135.234
Yxy	59.6087, 0.3217, 0.4390
Android (android.graphics.Color)	4288535432 (0xFF9DDB88)
YUV	191.0000, -27.1150, -29.8180
Hunter-Lab	77.2067, -34.1244, 29.0897

Details

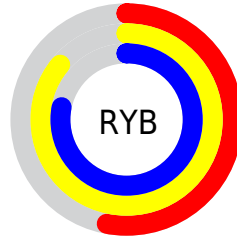
The RYB color **136, 219, 198** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **198, 136, 219**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **190, 255, 232**, and **85, 164, 146** is the 20% darker color. If you saturate the color by 10%, you get **114, 219, 192**, and if you desaturate by 10%, it is **158, 219, 204**.

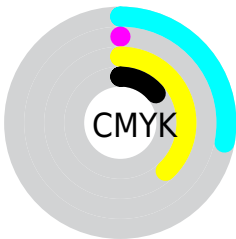
Distribution



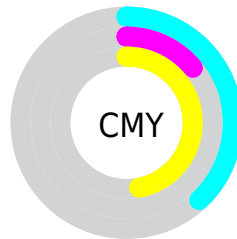
- Red (62%)
- Green (86%)
- Blue (53%)



- Red (53%)
- Yellow (86%)
- Blue (78%)



- Cyan (28%)
- Magenta (0%)
- Yellow (38%)
- Black (14%)



- Cyan (38%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 219, 198 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, 219, 198 by changing the saturation by 10% instead.

 136, 219, 198


255, 255, 255


 190, 255, 232


 218, 255, 231

 247, 255, 247


 136, 219, 198

 110, 191, 171

 85, 164, 146


 60, 137, 120

 36, 111, 96

 11, 86, 75

 0, 62, 62

 0, 41, 41

 0, 11, 11

 0, 0, 0

■ 136, 219, 198

■ 136, 219, 198

■ 114, 219, 192

■ 158, 219, 204

■ 92, 219, 187

■ 180, 219, 209

■ 70, 219, 181

■ 202, 219, 215

■ 48, 219, 175

■ 222, 219, 224

■ 26, 219, 170

■ 239, 219, 245

■ 5, 219, 165

■ 255, 219, 255

■ 0, 219, 164

Harmonies

Analogous

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



113, 209, 112



136, 219, 198



92, 173, 225

Triad

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



136, 219, 198



79, 155, 255



255, 166, 181

Complementary

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



136, 219, 198



198, 136, 219

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.



255, 169, 228



136, 219, 198



172, 192, 255

Square

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



136, 219, 198



0, 119, 255



237, 182, 255



255, 193, 139

Rectangle

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



136, 219, 198



0, 118, 227



237, 182, 255



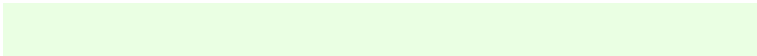
255, 166, 196

Sweetspot

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



136, 219, 198



227, 255, 248



166, 219, 136



111, 128, 124



0, 0, 0



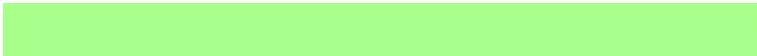
128, 128, 128

Same Dimension

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



136, 219, 198



140, 255, 226



136, 204, 219



99, 110, 108



0, 173, 129



0, 46, 34

Inverse Universe

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



198, 136, 219



226, 140, 255



219, 136, 200



107, 99, 110



130, 0, 173



34, 0, 46

Previews

White Background



This preview shows how the RYB color 136, 219, 198 looks on a white background.

Color Contrast Check

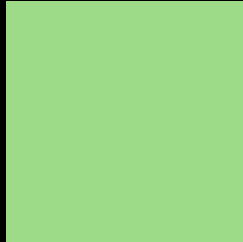
Large Text (above 18pt) WCAG AA × Fail

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, 219, 198 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, 219, 198 Background



This preview shows how black text looks on a background with the RYB color 136, 219, 198.

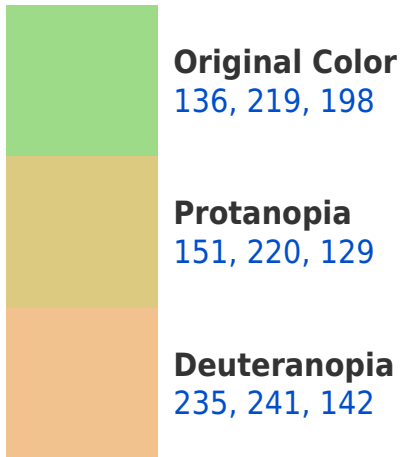


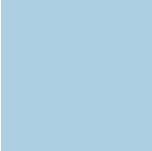
This preview shows how white text looks on a background with the RYB color 136, 219, 198.

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
172, 193, 225

Trichromacy



Original Color

136, 219, 198



Protanomaly

132, 208, 143



Deuteranomaly

149, 210, 140



Tritanomaly

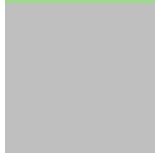
167, 196, 212

Monochromacy



Original Color

136, 219, 198



Achromatopsia

191, 191, 191



Achromatomaly

171, 201, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 219, 198 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(157, 219, 136)` looks like.

```
.text, #text, p{  
    color:rgb(157, 219, 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(157, 219, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 219, 136) }
```

Border

The CSS property to change the border of an element to RYB 136, 219, 198 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(157, 219, 136) }
```

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

```
.border{ border-color:rgb(157, 219, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 219, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 219, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 219, 136);  
box-shadow:4px 4px 4px 4px rgb(157, 219,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 136, 219, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 219, 136) }
```

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

```
.background{ background-color: rgb(157,  
219, 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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