

Converting Colors

`RYB(136, 219, 149)`

Have a look what the booklet for
RYB(136, 219, 149) contains.

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Color

R_YB(136, 219, 149)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | <code>CEDB88</code> |
| RGB | 206, 219, 136 |
| RGB Percent | 81%, 86%, 53% |
| CMY | 0.1922, 0.1412, 0.4667 |
| CMYK | 0.06, 0.00, 0.38, 0.14 |
| HSL | 69°, 54%, 70% |
| HSV | 69°, 38%, 86% |
| XYZ | 55.2291, 65.5624, 33.0365 |
| YIQ | 205.6510, 18.8950, -28.5690 |

Conversions

Conversions Part 2

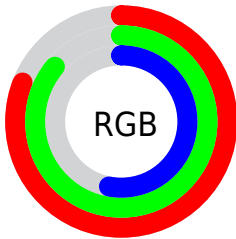
| Format | Color |
|-------------------------------------|--|
| RYB | 136, 219, 149 |
| Decimal | 13556616 |
| CIELab | 84.77, -17.13, 39.35 |
| CIELCh | 85, 42.921, 113.524 |
| Yxy | 65.5624, 0.3590, 0.4262 |
| Android (android.graphics.Color) | 4291746696 (0xFFCEDB88) |
| YUV | 205.6510, -34.3379, 0.3061 |
| Hunter-Lab | 80.9706, -19.9460, 32.4888 |

Details

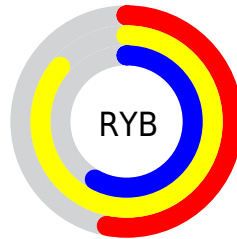
The RYB color **136, 219, 149** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **149, 136, 219**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **190, 255, 190**, and **85, 164, 99** is the 20% darker color. If you saturate the color by 10%, you get **114, 219, 130**, and if you desaturate by 10%, it is **158, 219, 168**.

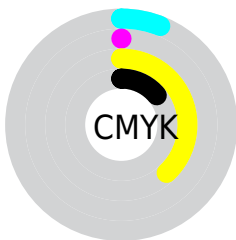
Distribution



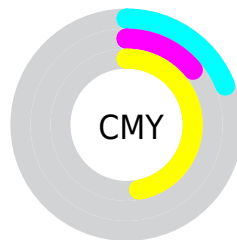
- Red (81%)
- Green (86%)
- Blue (53%)



- Red (53%)
- Yellow (86%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (38%)
- Black (14%)



- Cyan (19%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 219, 149 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, 149 by changing the saturation by 10% instead.

 136, 219, 149


255, 255, 255

 190, 255, 190


 218, 255, 218

 247, 255, 247


 136, 219, 149

 110, 191, 123

 85, 164, 99

 60, 138, 74

 35, 112, 49

 8, 88, 23

 0, 65, 16

 0, 43, 19

 0, 24, 24

 0, 0, 0

 136, 219, 149

 136, 219, 149

 114, 219, 130

 158, 219, 168

 92, 219, 112

 180, 219, 186

 70, 219, 93

 202, 219, 205

 48, 219, 75

 220, 219, 224

 26, 219, 56

 223, 219, 245

 5, 219, 39

 227, 219, 255

 0, 219, 34

 230, 219, 255

 233, 219, 255

 237, 219, 255

Harmonies

Analogous

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



194, 247, 131



136, 219, 149



159, 225, 228

Triad

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



136, 219, 149



71, 156, 255



255, 181, 222

Complementary

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



136, 219, 149



149, 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.



254, 190, 255



136, 219, 149



139, 186, 255

Square

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



136, 219, 149



56, 147, 243



204, 204, 255



255, 182, 181

Rectangle

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



136, 219, 149



125, 193, 232



204, 204, 255



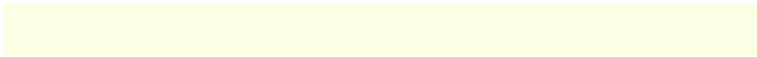
255, 183, 236

Sweetspot

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



136, 219, 149



227, 255, 231



219, 150, 136



111, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



136, 219, 149



140, 255, 158



136, 219, 190



99, 110, 101



0, 173, 27



0, 46, 7

Inverse Universe

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



149, 136, 219



158, 140, 255



190, 136, 219



100, 99, 110



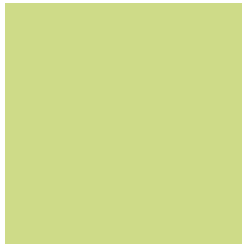
27, 0, 173



7, 0, 46

Previews

White Background



This preview shows how the RYB color 136, 219, 149 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, 149 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, 149 Background



This preview shows how black text looks on a background with the RYB color 136, 219, 149.

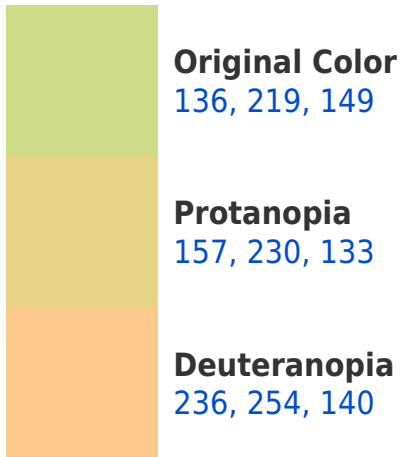


This preview shows how white text looks on a background with the RYB color 136, 219, 149.

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](#).

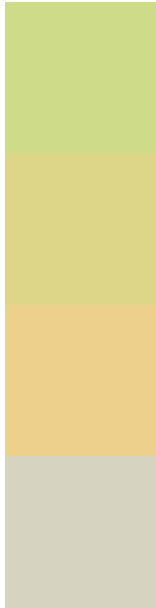
Dichromacy





Tritanopia
217, 208, 225

Trichromacy



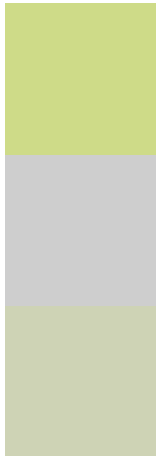
Original Color
136, 219, 149

Protanomaly
142, 221, 134

Deuteranomaly
180, 237, 139

Tritanomaly
194, 213, 193

Monochromacy



Original Color
136, 219, 149

Achromatopsia
206, 206, 206

Achromatomaly
181, 211, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 219, 149 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(206, 219, 136)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 219, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 219, 136) }
```

Border

The CSS property to change the border of an element to RYB 136, 219, 149 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(206, 219, 136) }
```

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

```
.border{ border-color:rgb(206, 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(206, 219, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 219, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 219, 136);  
box-shadow:4px 4px 4px 4px rgb(206, 219,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 136, 219, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 219, 136) }
```

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

```
.background{ background-color: rgb(206,  
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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