

Converting Colors

`RYB(136, 255, 136)`

Have a look what the booklet for
RYB(136, 255, 136) contains.

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Color

`RYB(136, 255, 136)`

Conversions

Conversions Part 1

Format	Color
Hex	FFFF88
RGB	255, 255, 136
RGB Percent	100%, 100%, 53%
CMY	0.0000, 0.0000, 0.4667
CMYK	0.00, 0.00, 0.47, 0.00
HSL	60°, 100%, 77%
HSV	60°, 47%, 100%
XYZ	81.4439, 94.5576, 37.2514
YIQ	241.4340, 38.1990, -37.0090

Conversions

Conversions Part 2

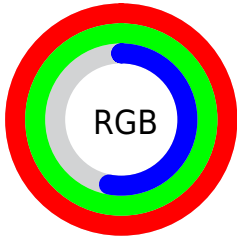
Format	Color
R_{YB}	136, 255, 136
Decimal	16777096
CIE _{Lab}	97.86, -15.85, 56.42
CIE _{LCh}	98, 58.607, 105.692
Yxy	94.5576, 0.3819, 0.4434
Android (android.graphics.Color)	4294967176 (0xFFFFFFFF88)
YUV	241.4340, -51.9790, 11.8974
Hunter-Lab	97.2407, -20.6686, 45.3554

Details

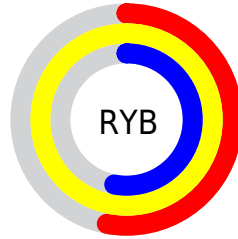
The RYB color **136, 255, 136** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **136, 136, 255**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **191, 255, 191**, and **82, 198, 84** is the 20% darker color. If you saturate the color by 10%, you get **111, 255, 111**, and if you desaturate by 10%, it is **162, 255, 162**.

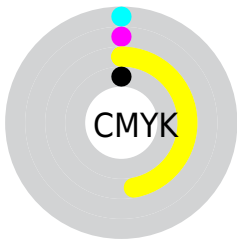
Distribution



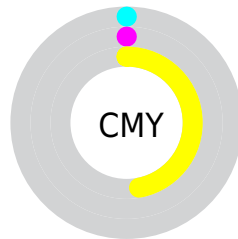
- Red (100%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 255, 136 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, 255, 136 by changing the saturation by 10% instead.


 136, 255, 136

 136, 255, 136

255, 255, 255

 109, 226, 110

 191, 255, 191


 82, 198, 84

 220, 255, 220

 56, 171, 59

 249, 255, 249

 26, 145, 31

 0, 119, 7

 0, 95, 9


 0, 71, 11

 0, 49, 15

 0, 29, 26

 136, 255, 136

 136, 255, 136

 111, 255, 111

 162, 255, 162

 85, 255, 85

 187, 255, 187

 60, 255, 60

 213, 255, 213

 34, 255, 34

 238, 255, 238

 9, 255, 9

255, 255, 255

 0, 255, 0

Harmonies

Analogous

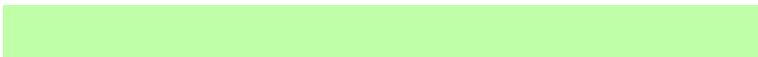
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161, 255, 138



136, 255, 136



167, 255, 231

Triad

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



136, 255, 136



0, 128, 255



255, 206, 255

Complementary

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



136, 255, 136



136, 136, 255

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, 223, 255



136, 255, 136



93, 174, 255

Square

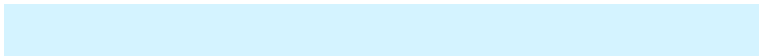
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



136, 255, 136



0, 128, 255



212, 230, 255



255, 203, 221

Rectangle

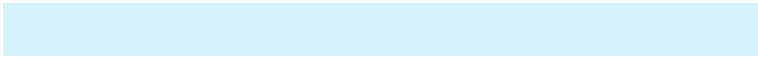
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



136, 255, 136



140, 216, 255



212, 230, 255



255, 210, 255

Sweetspot

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



136, 255, 136



219, 255, 219



255, 136, 136



106, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



136, 255, 136



112, 255, 112



136, 255, 195



115, 128, 115



0, 191, 0



0, 64, 0

Inverse Universe

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



136, 136, 255



112, 112, 255



196, 136, 255



115, 115, 128



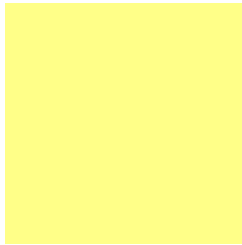
0, 0, 191



0, 0, 64

Previews

White Background



This preview shows how the RYB color 136, 255, 136 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, 255, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

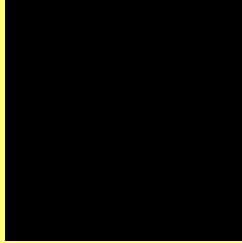
Any Text WCAG AA ✓ Pass

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, 255, 136 Background



This preview shows how black text looks on a background with the RYB color 136, 255, 136.



This preview shows how white text looks on a background with the RYB color 136, 255, 136.

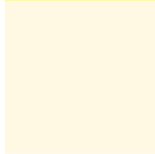
Color Blindness Simulation

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](#).

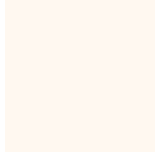
Dichromacy



Original Color
136, 255, 136



Protanopia
235, 255, 227



Deuteranopia
253, 255, 240



Tritanopia

255, 246, 252

Trichromacy



Original Color

136, 255, 136



Protanomaly

198, 255, 194



Deuteranomaly

206, 255, 202



Tritanomaly

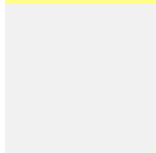
217, 255, 210

Monochromacy



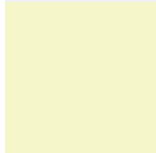
Original Color

136, 255, 136



Achromatopsia

241, 241, 241



Achromatomaly

203, 246, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 255, 136 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(255, 255, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 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(255, 255, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 136) }
```

Border

The CSS property to change the border of an element to RYB 136, 255, 136 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(255, 255, 136) }
```

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

```
.border{ border-color:rgb(255, 255, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 136, 255, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 136) }
```

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

```
.background{ background-color: rgb(255,  
255, 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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