

Converting Colors

`RYB(130, 255, 138)`

Have a look what the booklet for
RYB(130, 255, 138) contains.

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Color

R_YB(130, 255, 138)

Conversions

Conversions Part 1

Format	Color
Hex	F7FF82
RGB	247, 255, 130
RGB Percent	97%, 100%, 51%
CMY	0.0314, 0.0000, 0.4902
CMYK	0.03, 0.00, 0.49, 0.00
HSL	64°, 100%, 75%
HSV	64°, 49%, 100%
XYZ	78.1470, 92.9059, 34.9329
YIQ	238.3580, 35.3570, -40.5710

Conversions

Conversions Part 2

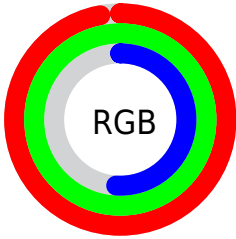
Format	Color
R_{YB}	130, 255, 138
Decimal	16252802
CIE _{Lab}	97.19, -19.47, 58.24
CIE _{LCh}	97, 61.407, 108.489
Yxy	92.9059, 0.3794, 0.4510
Android (android.graphics.Color)	4294442882 (0xFFFF7FF82)
YUV	238.3580, -53.4205, 7.5790
Hunter-Lab	96.3877, -23.9582, 45.9834

Details

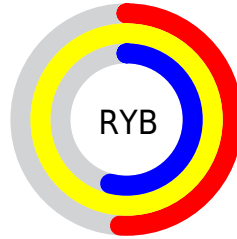
The RYB color **130, 255, 138** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **138, 130, 255**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **185, 255, 185**, and **76, 198, 86** is the 20% darker color. If you saturate the color by 10%, you get **105, 255, 115**, and if you desaturate by 10%, it is **155, 255, 161**.

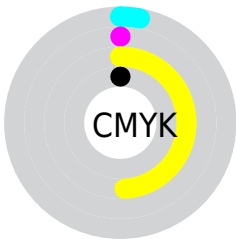
Distribution



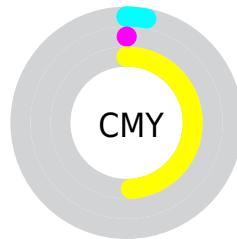
- Red (97%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (54%)



- Cyan (3%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 255, 138 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 130, 255, 138 by changing the saturation by 10% instead.

 130, 255, 138

255, 255, 255

 185, 255, 185


 214, 255, 214

 243, 255, 243


 130, 255, 138

 103, 226, 112

 76, 198, 86

 49, 171, 60

 15, 145, 28

 0, 119, 14

 0, 94, 15

 0, 71, 19

 0, 48, 22

 0, 29, 29

■ 130, 255, 138

■ 130, 255, 138

■ 105, 255, 115

■ 155, 255, 161

■ 79, 255, 90

■ 181, 255, 186

■ 53, 255, 66

■ 207, 255, 210

■ 28, 255, 43

■ 232, 255, 233

■ 2, 255, 18

255, 255, 255

■ 0, 255, 16

Harmonies

Analogous

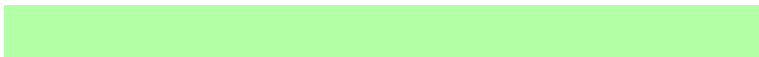
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



150, 255, 128



130, 255, 138



165, 255, 241

Triad

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



130, 255, 138



0, 128, 255



255, 200, 255

Complementary

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



130, 255, 138



138, 130, 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, 217, 255



130, 255, 138



86, 171, 255

Square

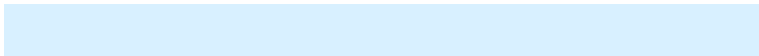
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



130, 255, 138



0, 128, 255



216, 231, 255



255, 199, 212

Rectangle

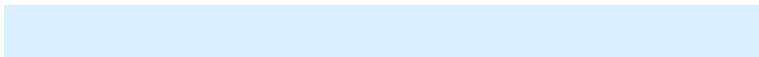
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



130, 255, 138



121, 205, 255



216, 231, 255



255, 205, 255

Sweetspot

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



130, 255, 138



217, 255, 219



255, 136, 130



105, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

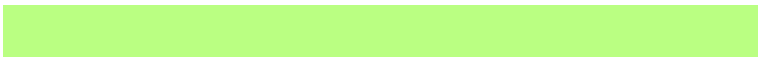
The Same Dimension uses a secret algorithm to generate beautiful new colors.



130, 255, 138



105, 255, 115



130, 255, 199



115, 128, 116



0, 191, 12



0, 64, 4

Inverse Universe

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



138, 130, 255



114, 105, 255



199, 130, 255



116, 115, 128



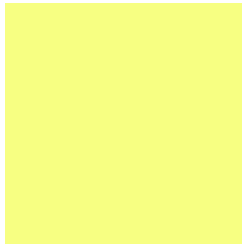
12, 0, 191



4, 0, 64

Previews

White Background



This preview shows how the RYB color 130, 255, 138 looks on a white background.

Color Contrast Check

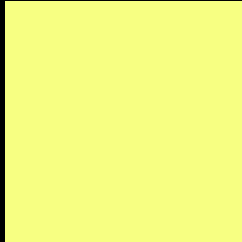
Large Text (above 18pt) WCAG AA × Fail

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 130, 255, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

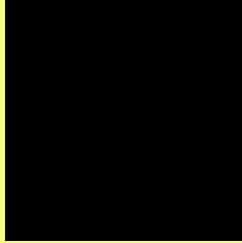
Any Text WCAG AA ✓ Pass

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 130, 255, 138 Background



This preview shows how black text looks on a background with the RYB color 130, 255, 138.

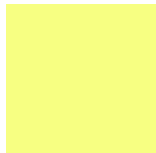


This preview shows how white text looks on a background with the RYB color 130, 255, 138.

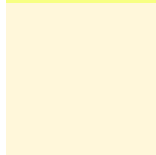
Color Blindness Simulation

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](#).

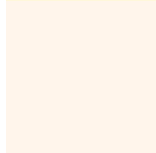
Dichromacy



Original Color
130, 255, 138



Protanopia
228, 255, 218



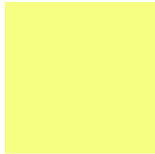
Deuteranopia
255, 255, 235



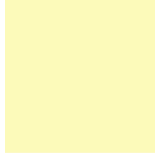
Tritanopia

255, 243, 254

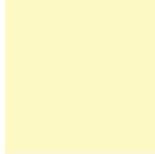
Trichromacy



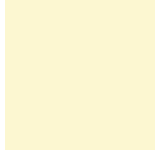
Original Color
130, 255, 138



Protanomaly
188, 252, 186

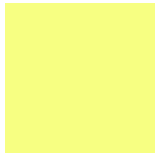


Deuteranomaly
200, 252, 197

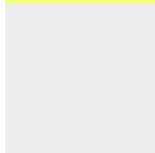


Tritanomaly
215, 252, 209

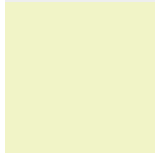
Monochromacy



Original Color
130, 255, 138



Achromatopsia
238, 238, 238



Achromatomaly
199, 244, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 255, 138 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(247, 255, 130)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 130)  
}
```

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(247, 255, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 255, 138 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(247, 255, 130) }
```

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

```
.border{ border-color:rgb(247, 255, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 130);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 255, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 130) }
```

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

```
.background{ background-color: rgb(247,  
255, 130) }
```

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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