

Converting Colors

`RYB(138, 243, 230)`

Have a look what the booklet for
RYB(138, 243, 230) contains.

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Color

R_YB(138, 243, 230)

Conversions

Conversions Part 1

Format	Color
Hex	97F38A
RGB	151, 243, 138
RGB Percent	59%, 95%, 54%
CMY	0.4078, 0.0471, 0.4588
CMYK	0.38, 0.00, 0.43, 0.05
HSL	113°, 81%, 75%
HSV	113°, 43%, 95%
XYZ	49.4005, 72.5155, 35.4380
YIQ	203.5220, -21.1270, -52.1590

Conversions

Conversions Part 2

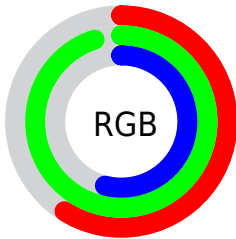
Format	Color
RYB	138, 243, 230
Decimal	9958282
CIELab	88.22, -47.20, 42.11
CIELCh	88, 63.254, 138.262
Yxy	72.5155, 0.3139, 0.4608
Android (android.graphics.Color)	4288148362 (0xFF97F38A)
YUV	203.5220, -32.3023, -46.0618
Hunter-Lab	85.1560, -45.4720, 34.9355

Details

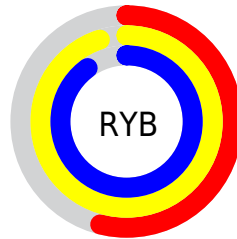
The RYB color **138, 243, 230** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **230, 138, 243**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **193, 255, 239**, and **86, 186, 177** is the 20% darker color. If you saturate the color by 10%, you get **114, 243, 227**, and if you desaturate by 10%, it is **162, 243, 233**.

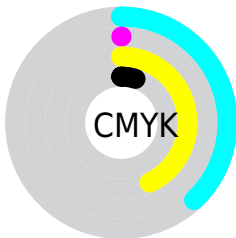
Distribution



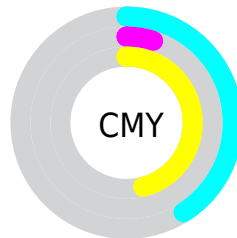
- Red (59%)
- Green (95%)
- Blue (54%)



- Red (54%)
- Yellow (95%)
- Blue (90%)



- Cyan (38%)
- Magenta (0%)
- Yellow (43%)
- Black (5%)



- Cyan (41%)
- Magenta (5%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 243, 230 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 138, 243, 230 by changing the saturation by 10% instead.

 138, 243, 230

255, 255, 255


 193, 255, 239


 221, 255, 238


 250, 255, 250

 138, 243, 230

 112, 214, 203

 86, 186, 177


 61, 159, 154

 33, 130, 132

 0, 101, 106

 0, 81, 81

 0, 57, 57

 0, 35, 35

 0, 0, 0

 138, 243, 230

 138, 243, 230

 114, 243, 227

 162, 243, 233

 89, 243, 224

 187, 243, 236

 65, 243, 221

 211, 243, 239

 41, 243, 218

 235, 243, 242

 17, 243, 215

 255, 243, 255

 0, 243, 213

Harmonies

Analogous

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



102, 229, 110



138, 243, 230



5, 143, 250

Triad

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



138, 243, 230



0, 122, 255



255, 172, 187

Complementary

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



138, 243, 230



230, 138, 243

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, 173, 248



138, 243, 230



186, 206, 255

Square

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



138, 243, 230



0, 125, 255



255, 191, 255



255, 228, 134

Rectangle

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



138, 243, 230



0, 130, 252



255, 191, 255



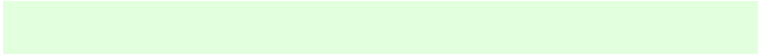
255, 170, 207

Sweetspot

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



138, 243, 230



222, 255, 251



154, 243, 138



107, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



138, 243, 230



122, 255, 238



138, 215, 243



110, 122, 120



0, 186, 163



0, 59, 52

Inverse Universe

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



230, 138, 243



239, 122, 255



243, 138, 204



121, 110, 122



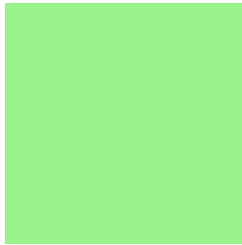
163, 0, 186



51, 0, 59

Previews

White Background



This preview shows how the RYB color 138, 243, 230 looks on a white background.

Color Contrast Check

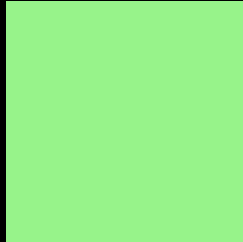
Large Text (above 18pt) WCAG AA × Fail

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 138, 243, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

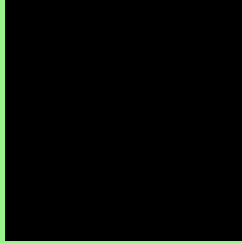
Any Text WCAG AA ✓ Pass

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 138, 243, 230 Background



This preview shows how black text looks on a background with the RYB color 138, 243, 230.

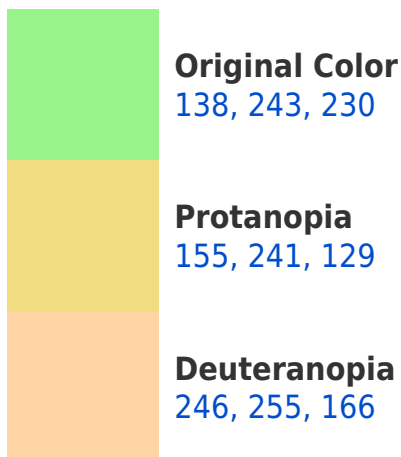


This preview shows how white text looks on a background with the RYB color 138, 243, 230.

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





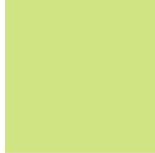
Tritanopia
171, 205, 249

Trichromacy



Original Color

138, 243, 230



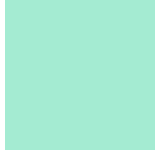
Protanomaly

132, 228, 152



Deuteranomaly

156, 224, 163



Tritanomaly

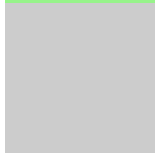
164, 207, 235

Monochromacy



Original Color

138, 243, 230



Achromatopsia

204, 204, 204



Achromatomaly

180, 218, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 243, 230 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(151, 243, 138)` looks like.

```
.text, #text, p{  
    color:rgb(151, 243, 138)  
}
```

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(151, 243, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 243, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 243, 230 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(151, 243, 138) }
```

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

```
.border{ border-color:rgb(151, 243, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 243, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 243, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 243, 138);  
box-shadow:4px 4px 4px 4px rgb(151, 243,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 243, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 243, 138) }
```

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

```
.background{ background-color: rgb(151,  
243, 138) }
```

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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