

Converting Colors

`RYB(138, 227, 144)`

Have a look what the booklet for
RYB(138, 227, 144) contains.

RYB(138, 227, 144)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(138, 227, 144)

Conversions

Conversions Part 1

Format	Color
Hex	DDE38A
RGB	221, 227, 138
RGB Percent	87%, 89%, 54%
CMY	0.1333, 0.1098, 0.4588
CMYK	0.03, 0.00, 0.39, 0.11
HSL	64°, 61%, 72%
HSV	64°, 39%, 89%
XYZ	61.8753, 72.1453, 34.7090
YIQ	215.0600, 24.9930, -28.9510

Conversions

Conversions Part 2

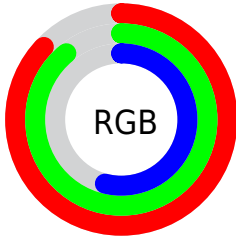
Format	Color
RYB	138, 227, 144
Decimal	14541706
CIELab	88.04, -15.10, 42.75
CIElCh	88, 45.342, 109.454
Yxy	72.1453, 0.3667, 0.4276
Android (android.graphics.Color)	4292731786 (0xFFDDE38A)
YUV	215.0600, -37.9906, 5.2094
Hunter-Lab	84.9384, -18.6098, 35.2288

Details

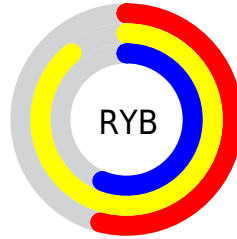
The RYB color **138, 227, 144** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **144, 138, 227**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **193, 255, 193**, and **86, 172, 93** is the 20% darker color. If you saturate the color by 10%, you get **115, 227, 123**, and if you desaturate by 10%, it is **161, 227, 165**.

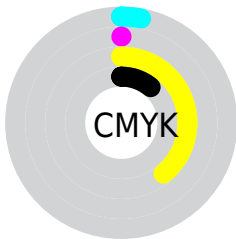
Distribution



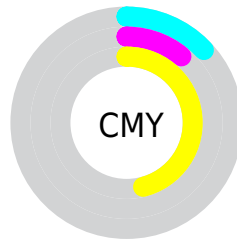
- Red (87%)
- Green (89%)
- Blue (54%)



- Red (54%)
- Yellow (89%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 227, 144 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, 227, 144 by changing the saturation by 10% instead.

 138, 227, 144


255, 255, 255

 193, 255, 193


 221, 255, 221

 250, 255, 250

 138, 227, 144

 112, 199, 119

 86, 172, 93

 61, 145, 69

 36, 120, 45

 7, 95, 17

 0, 71, 11

 0, 49, 13

 0, 29, 23

 0, 0, 0

 138, 227, 144

 138, 227, 144

 115, 227, 123

 161, 227, 165

 93, 227, 102

 183, 227, 186

 70, 227, 81

 206, 227, 207

 47, 227, 59

 227, 227, 229

 24, 227, 38

 229, 227, 252

 2, 227, 17

 230, 227, 255

 0, 227, 15

 232, 227, 255

 233, 227, 255

 235, 227, 255

Harmonies

Analogous

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



201, 255, 136



138, 227, 144



163, 237, 228

Triad

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



138, 227, 144



56, 151, 255



255, 189, 238

Complementary

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



138, 227, 144



144, 138, 227

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, 200, 255



138, 227, 144



132, 187, 255

Square

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



138, 227, 144



54, 150, 248



204, 213, 255



255, 188, 194

Rectangle

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



138, 227, 144



135, 206, 242



204, 213, 255



255, 191, 252

Sweetspot

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



138, 227, 144



224, 255, 226



227, 144, 138



110, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



138, 227, 144



135, 255, 143



138, 227, 188



103, 115, 104



0, 179, 13



0, 51, 3

Inverse Universe

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



144, 138, 227



143, 135, 255



188, 138, 227



104, 103, 115



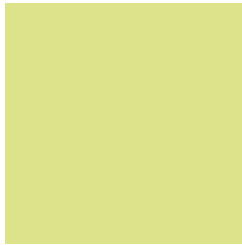
12, 0, 179



3, 0, 51

Previews

White Background



This preview shows how the RYB color 138, 227, 144 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, 227, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

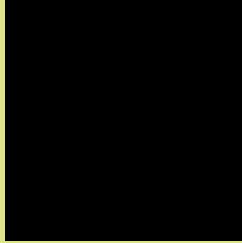
Any Text WCAG AA ✓ Pass

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](#).

RYP 138, 227, 144 Background



This preview shows how black text looks on a background with the RYP color 138, 227, 144.

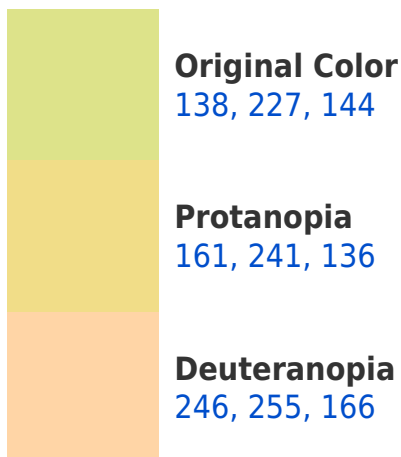


This preview shows how white text looks on a background with the RYP color 138, 227, 144.

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
232, 216, 233

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 227, 144 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(221, 227, 138)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 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(221, 227, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 227, 144 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(221, 227, 138) }
```

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

```
.border{ border-color:rgb(221, 227, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 227, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 227, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 227, 138); box-shadow:4px 4px 4px 4px rgb(221, 227, 138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 227, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 138) }
```

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

```
.background{ background-color: rgb(221,  
227, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor