

Converting Colors

`RYB(148, 230, 152)`

Have a look what the booklet for
RYB(148, 230, 152) contains.

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Color

R_YB(148, 230, 152)

Conversions

Conversions Part 1

Format	Color
Hex	E2E694
RGB	226, 230, 148
RGB Percent	89%, 90%, 58%
CMY	0.1137, 0.0980, 0.4196
CMYK	0.02, 0.00, 0.36, 0.10
HSL	63°, 62%, 74%
HSV	63°, 36%, 90%
XYZ	65.0061, 74.9005, 39.0480
YIQ	219.4560, 23.9380, -26.3500

Conversions

Conversions Part 2

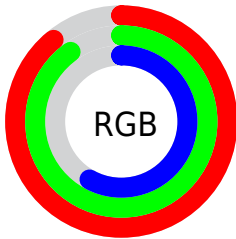
Format	Color
RYB	148, 230, 152
Decimal	14870164
CIELab	89.35, -13.55, 39.54
CIELCh	89, 41.795, 108.916
Yxy	74.9005, 0.3633, 0.4185
Android (android.graphics.Color)	4293060244 (0xFFE2E694)
YUV	219.4560, -35.2278, 5.7391
Hunter-Lab	86.5451, -17.3781, 33.8307

Details

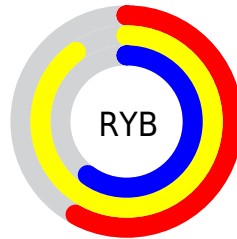
The RYB color **148, 230, 152** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **152, 148, 230**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **203, 255, 203**, and **96, 175, 102** is the 20% darker color. If you saturate the color by 10%, you get **125, 230, 130**, and if you desaturate by 10%, it is **171, 230, 174**.

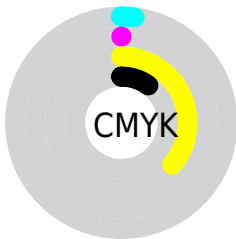
Distribution



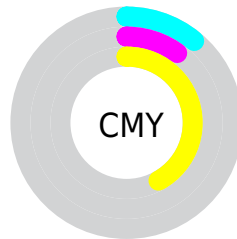
- Red (89%)
- Green (90%)
- Blue (58%)



- Red (58%)
- Yellow (90%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (36%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 230, 152 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 148, 230, 152 by changing the saturation by 10% instead.

 148, 230, 152


255, 255, 255


 203, 255, 203

 231, 255, 231

 148, 230, 152

 122, 202, 127

 96, 175, 102


 71, 148, 77

 47, 122, 53

 22, 97, 29

 0, 74, 9

 0, 51, 10


 0, 30, 14

 0, 0, 0

 148, 230, 152

 148, 230, 152

 125, 230, 130

 171, 230, 174

 102, 230, 108

 194, 230, 196

 79, 230, 86

 217, 230, 218

 56, 230, 64

 230, 230, 240

 33, 230, 43

 232, 230, 255

 10, 230, 21

 233, 230, 255

 0, 230, 11

 234, 230, 255

 235, 230, 255

 236, 230, 255

Harmonies

Analogous

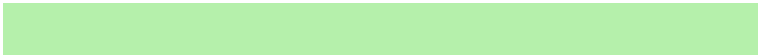
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204, 255, 146



148, 230, 152



171, 240, 230

Triad

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



148, 230, 152



91, 170, 255



255, 196, 241

Complementary

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



148, 230, 152



152, 148, 230

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, 205, 255



148, 230, 152



146, 194, 255

Square

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



148, 230, 152



89, 168, 249



209, 218, 255



255, 195, 201

Rectangle

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



148, 230, 152



148, 212, 244



209, 218, 255



255, 198, 254

Sweetspot

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



148, 230, 152



227, 255, 228



230, 151, 148



111, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



148, 230, 152



145, 255, 150



148, 230, 192



103, 115, 104



0, 179, 9



0, 51, 2

Inverse Universe

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



152, 148, 230



151, 145, 255



192, 148, 230



104, 103, 115



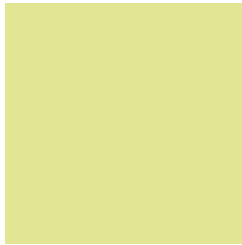
9, 0, 179



2, 0, 51

Previews

White Background



This preview shows how the RYB color 148, 230, 152 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 148, 230, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

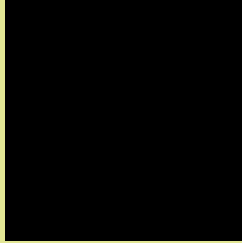
Any Text WCAG AA ✓ Pass

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 148, 230, 152 Background



This preview shows how black text looks on a background with the RYB color 148, 230, 152.

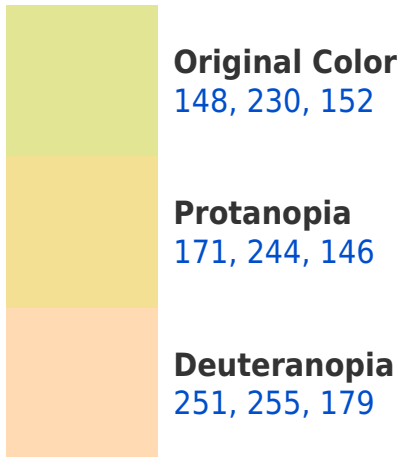


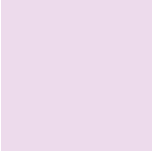
This preview shows how white text looks on a background with the RYB color 148, 230, 152.

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](#).

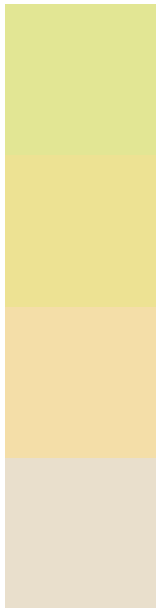
Dichromacy





Tritanopia
237, 219, 236

Trichromacy



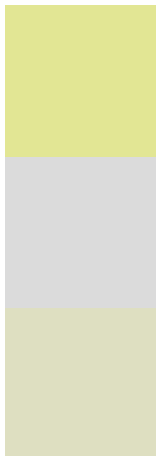
Original Color
148, 230, 152

Protanomaly
160, 237, 147

Deuteranomaly
199, 244, 168

Tritanomaly
219, 233, 204

Monochromacy



Original Color
148, 230, 152

Achromatopsia
219, 219, 219

Achromatomaly
193, 223, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 230, 152 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(226, 230, 148)` looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 148)  
}
```

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(226, 230, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 230, 152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

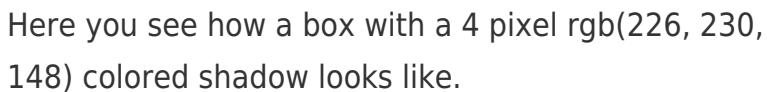
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 230, 148) }
```

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

```
.border{ border-color:rgb(226, 230, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 230, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 230, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 230, 148); box-shadow:4px 4px 4px 4px rgb(226, 230, 148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 230, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 148) }
```

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

```
.background{ background-color: rgb(226,  
230, 148) }
```

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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