

Converting Colors

`RYB(150, 228, 148)`

Have a look what the booklet for
RYB(150, 228, 148) contains.

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Color

R_YB(150, 228, 148)

Conversions

Conversions Part 1

Format	Color
Hex	E4E294
RGB	228, 226, 148
RGB Percent	89%, 89%, 58%
CMY	0.1059, 0.1135, 0.4196
CMYK	0.00, 0.01, 0.35, 0.11
HSL	59°, 60%, 74%
HSV	59°, 35%, 89%
XYZ	64.5498, 73.0513, 38.7152
YIQ	217.7060, 26.2300, -23.8340

Conversions

Conversions Part 2

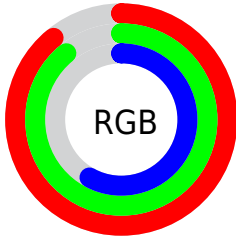
Format	Color
RYB	150, 228, 148
Decimal	15000212
CIELab	88.47, -10.81, 38.44
CIELCh	88, 39.928, 105.715
Yxy	73.0513, 0.3661, 0.4143
Android (android.graphics.Color)	4293190292 (0xFFE4E294)
YUV	217.7060, -34.3651, 9.0278
Hunter-Lab	85.4701, -14.7635, 32.9726

Details

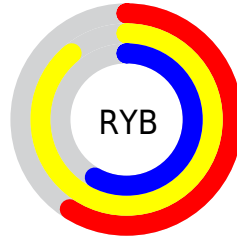
The RYB color **150, 228, 148** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **148, 150, 228**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **203, 255, 203**, and **96, 171, 96** is the 20% darker color. If you saturate the color by 10%, you get **128, 228, 125**, and if you desaturate by 10%, it is **172, 228, 171**.

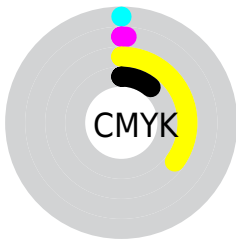
Distribution



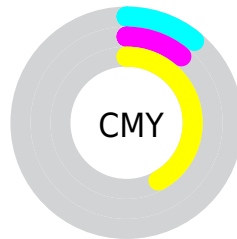
- Red (89%)
- Green (89%)
- Blue (58%)



- Red (59%)
- Yellow (89%)
- Blue (58%)



- Cyan (0%)
- Magenta (1%)
- Yellow (35%)
- Black (11%)




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

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 228, 148 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 150, 228, 148 by changing the saturation by 10% instead.

 150, 228, 148

255, 255, 255


 203, 255, 203


 231, 255, 231

 150, 228, 148

 123, 199, 122

 96, 171, 96

 71, 144, 71

 47, 119, 49

 22, 94, 24

 0, 71, 4

 0, 48, 5

 0, 28, 10

 0, 0, 0

150, 228, 148

150, 228, 148

128, 228, 125

172, 228, 171

105, 228, 102

195, 228, 194

84, 228, 80

216, 228, 216

61, 228, 57

228, 228, 239

39, 228, 34

228, 229, 255

16, 228, 11

228, 230, 255

6, 228, 0

228, 231, 255

Harmonies

Analogous

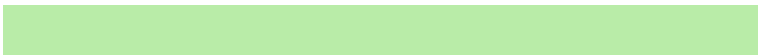
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219, 255, 149



150, 228, 148



168, 236, 219

Triad

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



150, 228, 148



96, 171, 255



255, 195, 242

Complementary

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



150, 228, 148



148, 150, 228

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.



252, 205, 255



150, 228, 148



142, 192, 255

Square

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



150, 228, 148



100, 172, 243



201, 215, 255



255, 194, 203

Rectangle

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



150, 228, 148



155, 215, 240



201, 215, 255



255, 198, 254

Sweetspot

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



150, 228, 148



228, 255, 227



228, 148, 151



112, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



150, 228, 148



151, 255, 148



148, 228, 185



104, 115, 103



5, 179, 0



1, 51, 0

Inverse Universe

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



148, 150, 228



148, 151, 255



185, 148, 228



103, 104, 115



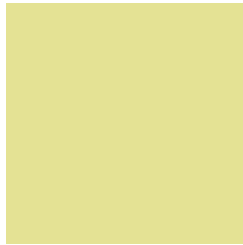
0, 4, 179



0, 1, 51

Previews

White Background



This preview shows how the RYB color 150, 228, 148 looks on a white background.

Color Contrast Check

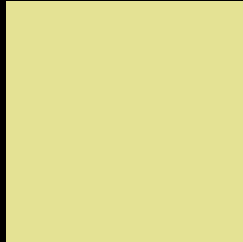
Large Text (above 18pt) WCAG AA × Fail

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 150, 228, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

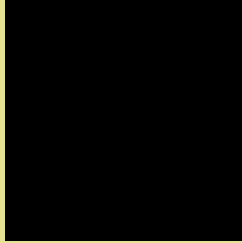
Any Text WCAG AA ✓ Pass

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 150, 228, 148 Background



This preview shows how black text looks on a background with the RYB color 150, 228, 148.

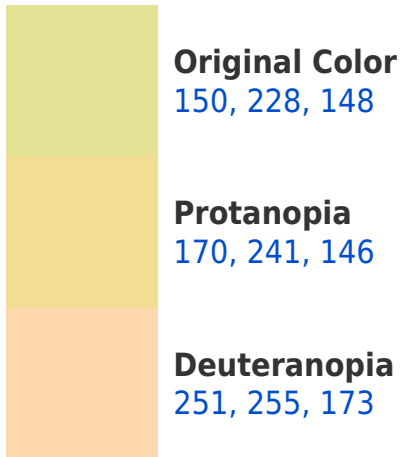


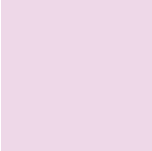
This preview shows how white text looks on a background with the RYB color 150, 228, 148.

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](#).

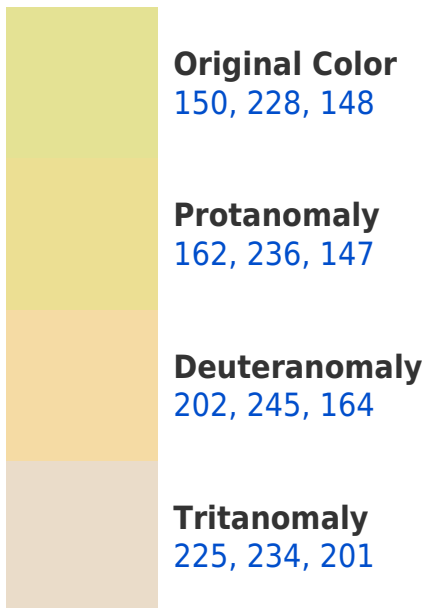
Dichromacy





Tritanopia
238, 216, 232

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 228, 148 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(228, 226, 148)` looks like.

```
.text, #text, p{  
    color:rgb(228, 226, 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(228, 226, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 226, 148) }
```

Border

The CSS property to change the border of an element to RYB 150, 228, 148 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(228, 226, 148) }
```

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

```
.border{ border-color:rgb(228, 226, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 226, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 226, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 226, 148); box-shadow:4px 4px 4px 4px rgb(228, 226, 148) }
```

Background

The CSS property to change the background color of an element to RYB 150, 228, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 226, 148) }
```

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

```
.background{ background-color: rgb(228,  
226, 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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