

Converting Colors

`RYB(145, 212, 148)`

Have a look what the booklet for
RYB(145, 212, 148) contains.

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Color

R_YB(145, 212, 148)

Conversions

Conversions Part 1

Format	Color
Hex	D1D491
RGB	209, 212, 145
RGB Percent	82%, 83%, 57%
CMY	0.1804, 0.1686, 0.4314
CMYK	0.01, 0.00, 0.32, 0.17
HSL	63°, 44%, 70%
HSV	63°, 32%, 83%
XYZ	54.9488, 62.6866, 35.9917
YIQ	203.4650, 19.7190, -21.4730

Conversions

Conversions Part 2

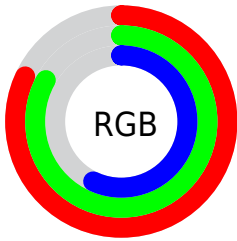
Format	Color
RYB	145, 212, 148
Decimal	13751441
CIELab	83.28, -11.39, 32.88
CIElCh	83, 34.799, 109.109
Yxy	62.6866, 0.3577, 0.4080
Android (android.graphics.Color)	4291941521 (0xFFD1D491)
YUV	203.4650, -28.8232, 4.8542
Hunter-Lab	79.1749, -14.6738, 28.4701

Details

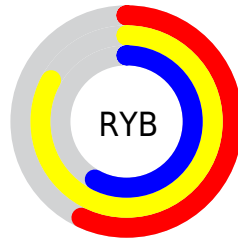
The RYB color **145, 212, 148** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **148, 145, 212**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **199, 255, 199**, and **94, 158, 98** is the 20% darker color. If you saturate the color by 10%, you get **124, 212, 128**, and if you desaturate by 10%, it is **166, 212, 168**.

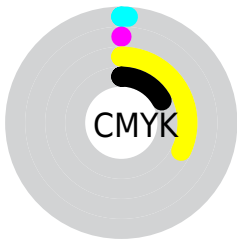
Distribution



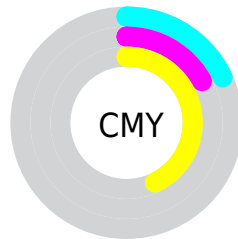
- Red (82%)
- Green (83%)
- Blue (57%)



- Red (57%)
- Yellow (83%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (32%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 212, 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 145, 212, 148 by changing the saturation by 10% instead.

 145, 212, 148

255, 255, 255

 199, 255, 199

 228, 255, 228

 145, 212, 148

 119, 184, 122

 94, 158, 98


 69, 131, 73

 46, 106, 51

 22, 82, 28

 0, 59, 7

 0, 38, 9

 0, 18, 18

 0, 0, 0

 145, 212, 148

 145, 212, 148

 124, 212, 128

 166, 212, 168

 103, 212, 108

 187, 212, 188

 81, 212, 87

 209, 212, 209

 60, 212, 67

 213, 212, 230

 39, 212, 47

 214, 212, 251

 18, 212, 27

 215, 212, 255

 0, 212, 9

 216, 212, 255

 217, 212, 255

 218, 212, 255

Harmonies

Analogous

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



211, 241, 143



145, 212, 148



164, 220, 212

Triad

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



145, 212, 148



109, 173, 255



255, 184, 221

Complementary

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



145, 212, 148



148, 145, 212

Split Complementary

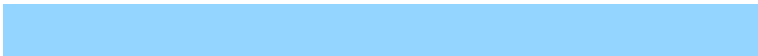
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 192, 251



145, 212, 148



147, 188, 255

Square

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



145, 212, 148



105, 166, 228



196, 202, 255



255, 184, 188

Rectangle

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



145, 212, 148



146, 199, 224



196, 202, 255



255, 186, 232

Sweetspot

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



145, 212, 148



232, 255, 233



212, 147, 145



113, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



145, 212, 148



158, 255, 162



145, 212, 181



96, 107, 96



0, 171, 8



0, 43, 2

Inverse Universe

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



148, 145, 212



162, 158, 255



181, 145, 212



97, 96, 107



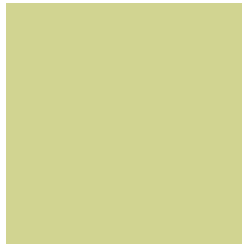
8, 0, 171



2, 0, 43

Previews

White Background



This preview shows how the RYB color 145, 212, 148 looks on a white background.

Color Contrast Check

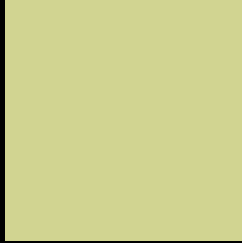
Large Text (above 18pt) WCAG AA × Fail

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 145, 212, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

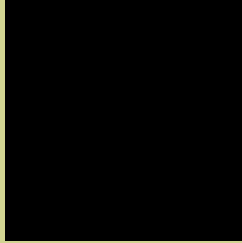
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

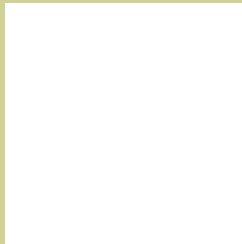
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 145, 212, 148 Background



This preview shows how black text looks on a background with the RYB color 145, 212, 148.



This preview shows how white text looks on a background with the RYB color 145, 212, 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



Original Color
145, 212, 148

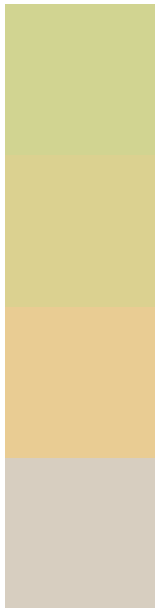
Protanopia
165, 224, 143

Deuteranopia
238, 246, 148



Tritanopia
218, 203, 219

Trichromacy



Original Color
145, 212, 148

Protanomaly
156, 219, 144

Deuteranomaly
191, 233, 147

Tritanomaly
207, 215, 192

Monochromacy



Original Color
145, 212, 148

Achromatopsia
203, 203, 203

Achromatomaly
182, 206, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 212, 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(209, 212, 145)` looks like.

```
.text, #text, p{  
    color:rgb(209, 212, 145)  
}
```

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(209, 212, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 212, 145) }
```

Border

The CSS property to change the border of an element to RYB 145, 212, 148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

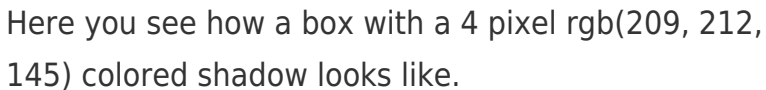
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 212, 145) }
```

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

```
.border{ border-color:rgb(209, 212, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 212, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 212, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 212, 145);  
box-shadow:4px 4px 4px 4px rgb(209, 212,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 145, 212, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 212, 145) }
```

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

```
.background{ background-color: rgb(209,  
212, 145) }
```

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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