

Converting Colors

`RYB(144, 217, 138)`

Have a look what the booklet for
RYB(144, 217, 138) contains.

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Color

R_YB(144, 217, 138)

Conversions

Conversions Part 1

Format	Color
Hex	D9D38A
RGB	217, 211, 138
RGB Percent	85%, 83%, 54%
CMY	0.1490, 0.1709, 0.4588
CMYK	0.00, 0.03, 0.36, 0.15
HSL	56°, 51%, 70%
HSV	56°, 36%, 85%
XYZ	56.6023, 63.3859, 33.2962
YIQ	204.4720, 27.0090, -21.4310

Conversions

Conversions Part 2

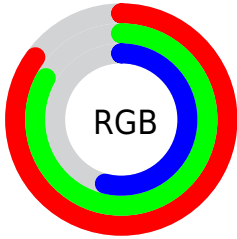
Format	Color
RYB	144, 217, 138
Decimal	14275466
CIELab	83.65, -8.84, 37.06
CIELCh	84, 38.098, 103.417
Yxy	63.3859, 0.3693, 0.4135
Android (android.graphics.Color)	4292465546 (0xFFD9D38A)
YUV	204.4720, -32.7707, 10.9871
Hunter-Lab	79.6153, -12.4225, 30.9348

Details

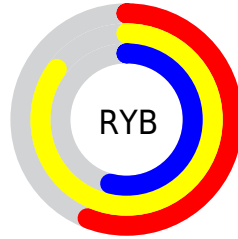
The RYB color **144, 217, 138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **138, 144, 217**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **192, 255, 192**, and **91, 161, 87** is the 20% darker color. If you saturate the color by 10%, you get **124, 217, 116**, and if you desaturate by 10%, it is **164, 217, 160**.

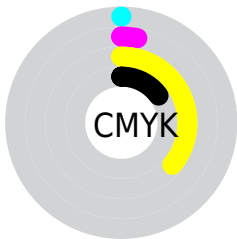
Distribution



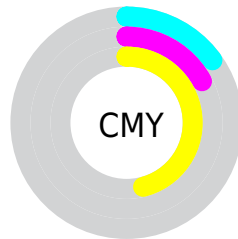
- Red (85%)
- Green (83%)
- Blue (54%)



- Red (56%)
- Yellow (85%)
- Blue (54%)



- Cyan (0%)
- Magenta (3%)
- Yellow (36%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 217, 138 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 144, 217, 138 by changing the saturation by 10% instead.

 144, 217, 138

255, 255, 255


 192, 255, 192

 220, 255, 220


 249, 255, 249

 144, 217, 138

 117, 189, 112

 91, 161, 87


 65, 134, 62

 40, 108, 38

 13, 82, 13

 0, 59, 1

 0, 37, 3

 0, 18, 18


 0, 0, 0

 144, 217, 138

 144, 217, 138

 124, 217, 116

 164, 217, 160

 105, 217, 95

 184, 217, 181

 84, 217, 73


 204, 217, 203

 64, 217, 51

 217, 218, 225

 44, 217, 30

 217, 219, 246

 24, 217, 8

 217, 221, 255

 16, 217, 0

 217, 221, 255

 217, 223, 255

 217, 224, 255

Harmonies

Analogous

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



238, 251, 140



144, 217, 138



155, 221, 199

Triad

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



144, 217, 138



88, 163, 255



255, 184, 230

Complementary

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



144, 217, 138



138, 144, 217

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.



233, 194, 255



144, 217, 138



129, 181, 255

Square

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



144, 217, 138



95, 163, 228



185, 201, 255



255, 182, 193

Rectangle

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



144, 217, 138



148, 205, 225



185, 201, 255



255, 186, 241

Sweetspot

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



144, 217, 138



229, 255, 227



217, 138, 145



113, 128, 111



0, 0, 0



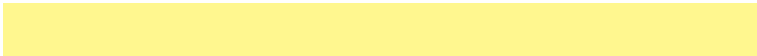
128, 128, 128

Same Dimension

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



144, 217, 138



152, 255, 143



138, 217, 171



100, 110, 99



13, 173, 0



3, 46, 0

Inverse Universe

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



138, 144, 217



143, 150, 255



171, 138, 217



99, 99, 110



0, 11, 173



0, 3, 46

Previews

White Background



This preview shows how the RYB color 144, 217, 138 looks on a white background.

Color Contrast Check

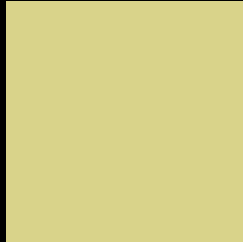
Large Text (above 18pt) WCAG AA × Fail

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 144, 217, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

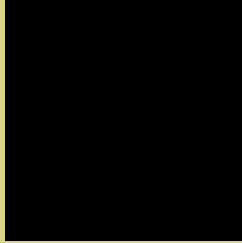
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

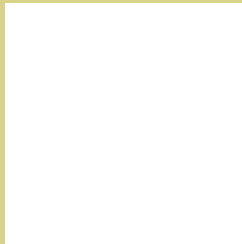
Any Text WCAG AAA ✓ Pass

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

R Y B 144, 217, 138 Background



This preview shows how black text looks on a background with the R Y B color 144, 217, 138.



This preview shows how white text looks on a background with the R Y B color 144, 217, 138.

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
144, 217, 138

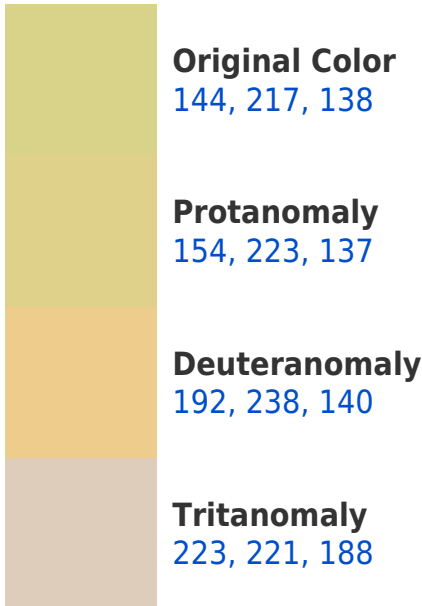
Protanopia
160, 226, 137

Deuteranopia
237, 250, 141



Tritanopia
226, 202, 217

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 144, 217, 138 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(217, 211, 138) looks like.

```
.text, #text, p{  
    color:rgb(217, 211, 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(217, 211, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 211, 138) }
```

Border

The CSS property to change the border of an element to RYB 144, 217, 138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

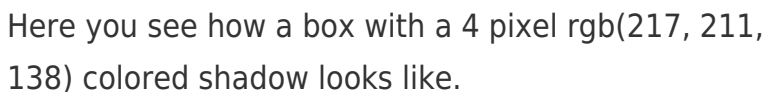
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 211, 138) }
```

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

```
.border{ border-color:rgb(217, 211, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 211, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 211, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 211, 138);  
box-shadow:4px 4px 4px 4px rgb(217, 211,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 144, 217, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 211, 138) }
```

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

```
.background{ background-color: rgb(217,  
211, 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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