

Converting Colors

`RYB(141, 219, 151)`

Have a look what the booklet for
RYB(141, 219, 151) contains.

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Color

R_YB(141, 219, 151)

Conversions

Conversions Part 1

Format	Color
Hex	D1DB8D
RGB	209, 219, 141
RGB Percent	82%, 86%, 55%
CMY	0.1804, 0.1412, 0.4471
CMYK	0.05, 0.00, 0.36, 0.14
HSL	68°, 52%, 71%
HSV	68°, 36%, 86%
XYZ	56.4337, 66.1414, 34.9915
YIQ	207.1180, 19.0780, -26.3780

Conversions

Conversions Part 2

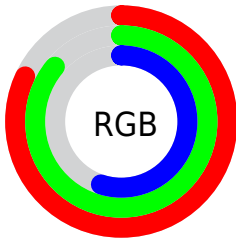
Format	Color
RYB	141, 219, 151
Decimal	13753229
CIELab	85.07, -15.39, 37.26
CIELCh	85, 40.318, 112.447
Yxy	66.1414, 0.3582, 0.4198
Android (android.graphics.Color)	4291943309 (0xFFD1DB8D)
YUV	207.1180, -32.5962, 1.6505
Hunter-Lab	81.3274, -18.4603, 31.4194




Details

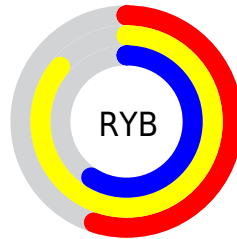
The RYB color **141, 219, 151** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **151, 141, 219**, and the grayscale version is **207, 207, 207**.




A 20% lighter version of the original color is **195, 255, 195**, and **90, 164, 101** is the 20% darker color. If you saturate the color by 10%, you get **119, 219, 132**, and if you desaturate by 10%, it is **163, 219, 170**.

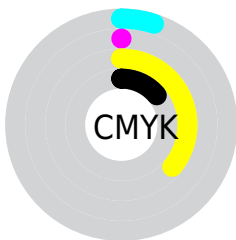
Distribution







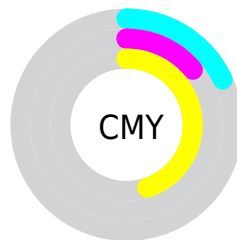
-  Red (82%)
-  Green (86%)
-  Blue (55%)






-  Red (55%)
-  Yellow (86%)
-  Blue (59%)



-  Cyan (5%)
-  Magenta (0%)
-  Yellow (36%)
-  Black (14%)




-  Cyan (18%)
-  Magenta (14%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 219, 151 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 141, 219, 151 by changing the saturation by 10% instead.

 141, 219, 151


255, 255, 255


 195, 255, 195

 224, 255, 224


253, 255, 253

 141, 219, 151

 115, 191, 125

 90, 164, 101

 65, 138, 76

 41, 112, 52

 16, 88, 28

 0, 65, 13

 0, 43, 15

 0, 24, 24

 0, 0, 0

 141, 219, 151

 141, 219, 151

 119, 219, 132

 163, 219, 170

 97, 219, 113

 185, 219, 189

 75, 219, 93

 207, 219, 209

 53, 219, 74

 220, 219, 229

 32, 219, 56


 223, 219, 251

 10, 219, 37

 226, 219, 255

 0, 219, 28

 229, 219, 255

 231, 219, 255

 234, 219, 255

Harmonies

Analogous

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



200, 247, 137



141, 219, 151



165, 228, 228

Triad

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



141, 219, 151



89, 165, 255



255, 184, 224

Complementary

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



141, 219, 151



151, 141, 219

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, 193, 255



141, 219, 151



144, 189, 255

Square

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



141, 219, 151



79, 158, 240



204, 206, 255



255, 185, 185

Rectangle

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



141, 219, 151



134, 197, 232



204, 206, 255



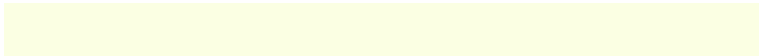
255, 186, 236

Sweetspot

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



141, 219, 151



227, 255, 231



219, 151, 141



111, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



141, 219, 151



145, 255, 159



141, 219, 189



99, 110, 101



0, 173, 22



0, 46, 6

Inverse Universe

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



151, 141, 219



159, 145, 255



189, 141, 219



100, 99, 110



22, 0, 173



6, 0, 46

Previews

White Background



This preview shows how the RYB color 141, 219, 151 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 141, 219, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

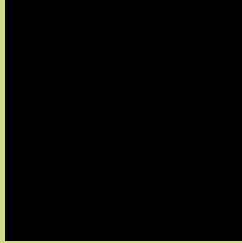
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

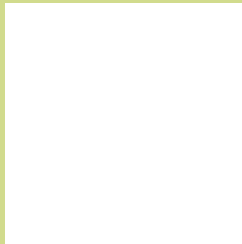
Any Text WCAG AAA ✓ Pass

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

RYB 141, 219, 151 Background



This preview shows how black text looks on a background with the RYB color 141, 219, 151.

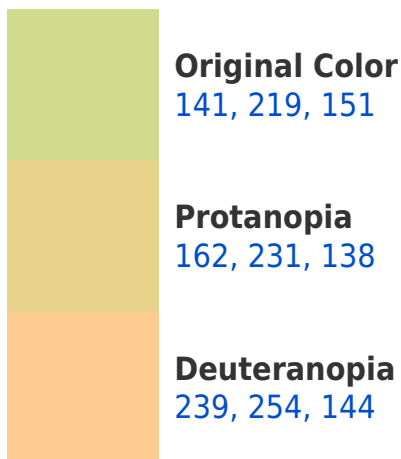


This preview shows how white text looks on a background with the RYB color 141, 219, 151.

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

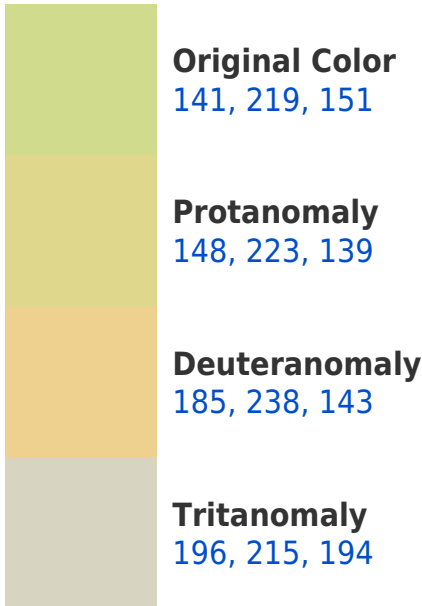




Tritanopia

219, 209, 225

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 219, 151 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, 219, 141)` looks like.

```
.text, #text, p{  
    color:rgb(209, 219, 141)  
}
```

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, 219, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 219, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 219, 151 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, 219, 141) }
```

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

```
.border{ border-color:rgb(209, 219, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 219, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 219, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 219, 141);  
box-shadow:4px 4px 4px 4px rgb(209, 219,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 219, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 219, 141) }
```

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

```
.background{ background-color: rgb(209,  
219, 141) }
```

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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