

Converting Colors

`RYB(142, 220, 164)`

Have a look what the booklet for
RYB(142, 220, 164) contains.

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Color

R_YB(142, 220, 164)

Conversions

Conversions Part 1

Format	Color
Hex	C6DC8E
RGB	198, 220, 142
RGB Percent	78%, 86%, 56%
CMY	0.2235, 0.1373, 0.4431
CMYK	0.10, 0.00, 0.35, 0.14
HSL	77°, 53%, 71%
HSV	77°, 35%, 86%
XYZ	53.7644, 65.1452, 35.3318
YIQ	204.5300, 11.9260, -28.9220

Conversions

Conversions Part 2

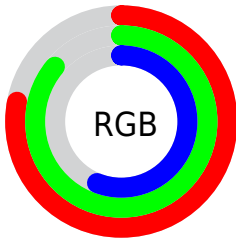
Format	Color
RYB	142, 220, 164
Decimal	13032590
CIELab	84.56, -19.93, 35.94
CIELCh	85, 41.097, 119.008
Yxy	65.1452, 0.3486, 0.4224
Android (android.graphics.Color)	4291222670 (0xFFC6DC8E)
YUV	204.5300, -30.8273, -5.7268
Hunter-Lab	80.7126, -22.3442, 30.5447

Details

The RYB color **142, 220, 164** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **164, 142, 220**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **196, 255, 196**, and **91, 165, 113** is the 20% darker color. If you saturate the color by 10%, you get **120, 220, 148**, and if you desaturate by 10%, it is **164, 220, 180**.

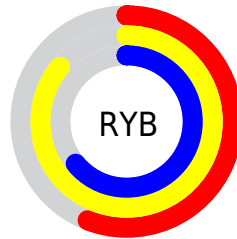
Distribution



Red (78%)

Green (86%)

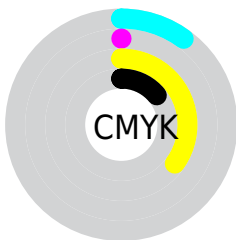
Blue (56%)



Red (56%)

Yellow (86%)

Blue (64%)

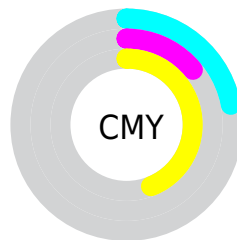


Cyan (10%)

Magenta (0%)

Yellow (35%)

Black (14%)



Cyan (22%)

Magenta (14%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 220, 164 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 142, 220, 164 by changing the saturation by 10% instead.

 142, 220, 164


255, 255, 255


 196, 255, 196

 225, 255, 225


254, 255, 254

 142, 220, 164


 116, 192, 138

 91, 165, 113

 66, 139, 88

 42, 113, 64

 17, 89, 40

 0, 65, 23


 0, 43, 24

 0, 25, 25

 0, 0, 0

 142, 220, 164

 142, 220, 164

 120, 220, 148


 164, 220, 180

 98, 220, 132

 186, 220, 196

 76, 220, 117

 208, 220, 211

 54, 220, 101

 223, 220, 230

 32, 220, 85

 229, 220, 252

 10, 220, 69

 235, 220, 255

 0, 220, 62

 241, 220, 255

 248, 220, 255

 254, 220, 255

Harmonies

Analogous

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



175, 238, 133



142, 220, 164



152, 213, 228

Triad

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



142, 220, 164



93, 166, 255



255, 181, 214

Complementary

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



142, 220, 164



164, 142, 220

Split Complementary

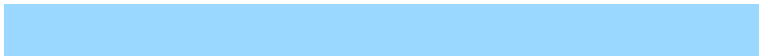
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 188, 252



142, 220, 164



155, 193, 255

Square

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



142, 220, 164



67, 153, 247



214, 201, 255



255, 185, 175

Rectangle

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



142, 220, 164



120, 186, 231



214, 201, 255



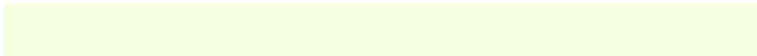
255, 183, 227

Sweetspot

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



142, 220, 164



227, 255, 235



220, 171, 142



111, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



142, 220, 164



145, 255, 176



142, 220, 202



99, 110, 102



0, 173, 49



0, 46, 13

Inverse Universe

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



164, 142, 220



176, 145, 255



202, 142, 220



102, 99, 110



49, 0, 173



13, 0, 46

Previews

White Background



This preview shows how the RYB color 142, 220, 164 looks on a white background.

Color Contrast Check

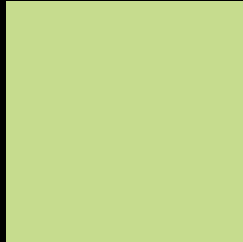
Large Text (above 18pt) WCAG AA × Fail

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 142, 220, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

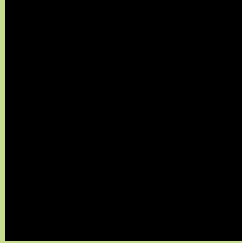
Any Text WCAG AA ✓ Pass

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 142, 220, 164 Background



This preview shows how black text looks on a background with the RYB color 142, 220, 164.

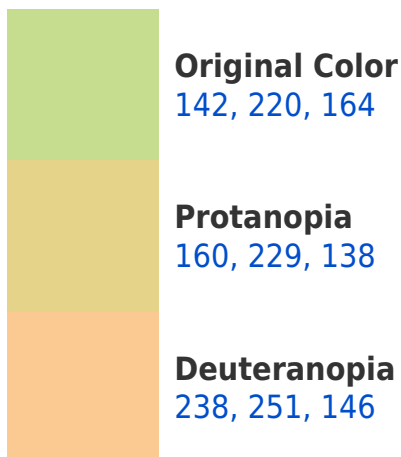


This preview shows how white text looks on a background with the RYB color 142, 220, 164.

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
209, 210, 226

Trichromacy



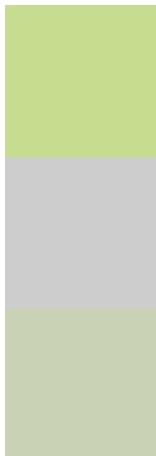
Original Color
142, 220, 164

Protanomaly
143, 218, 139

Deuteranomaly
176, 232, 145

Tritanomaly
195, 214, 204

Monochromacy



Original Color
142, 220, 164

Achromatopsia
205, 205, 205

Achromatomaly
182, 210, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 220, 164 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(198, 220, 142)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 142)  
}
```

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(198, 220, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 220, 164 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(198, 220, 142) }
```

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

```
.border{ border-color:rgb(198, 220, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 220, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 220, 142);  
box-shadow:4px 4px 4px 4px rgb(198, 220,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 220, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 142) }
```

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

```
.background{ background-color: rgb(198,  
220, 142) }
```

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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