

Converting Colors

`RYB(162, 221, 148)`

Have a look what the booklet for
RYB(162, 221, 148) contains.

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Color

R_YB(162, 221, 148)

Conversions

Conversions Part 1

Format	Color
Hex	DDD194
RGB	221, 209, 148
RGB Percent	87%, 82%, 58%
CMY	0.1333, 0.1794, 0.4196
CMYK	0.00, 0.05, 0.33, 0.13
HSL	50°, 52%, 72%
HSV	50°, 33%, 87%
XYZ	58.0266, 63.2354, 37.1643
YIQ	205.6340, 26.7330, -16.4270

Conversions

Conversions Part 2

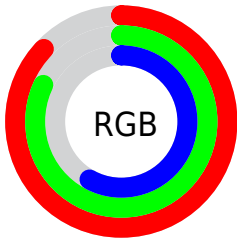
Format	Color
RYB	162, 221, 148
Decimal	14537108
CIELab	83.57, -5.00, 31.89
CIELCh	84, 32.284, 98.911
Yxy	63.2354, 0.3663, 0.3991
Android (android.graphics.Color)	4292727188 (0xFFDDD194)
YUV	205.6340, -28.4136, 13.4760
Hunter-Lab	79.5207, -8.9088, 27.9551

Details

The RYB color **162, 221, 148** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **148, 158, 221**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **203, 255, 203**, and **109, 165, 97** is the 20% darker color. If you saturate the color by 10%, you get **144, 221, 126**, and if you desaturate by 10%, it is **179, 221, 170**.

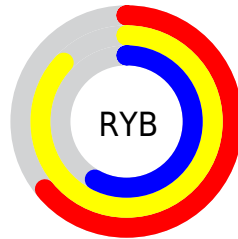
Distribution



Red (87%)

Green (82%)

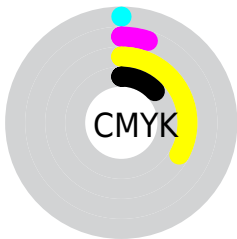
Blue (58%)



Red (64%)

Yellow (87%)

Blue (58%)

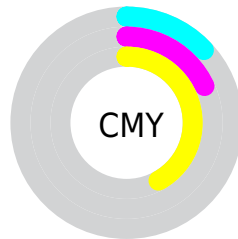


Cyan (0%)

Magenta (5%)

Yellow (33%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 221, 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 162, 221, 148 by changing the saturation by 10% instead.

 162, 221, 148

255, 255, 255


 203, 255, 203

 231, 255, 231

 162, 221, 148

 135, 193, 122

 109, 165, 97

 82, 138, 72

 58, 112, 49

 33, 86, 26

 6, 62, 1

 2, 38, 0

 0, 15, 8

 0, 0, 0

 162, 221, 148

 162, 221, 148

 144, 221, 126

 179, 221, 170

 127, 221, 104

 198, 221, 192

 108, 221, 82

 215, 221, 214

 91, 221, 60


 221, 223, 236

 74, 221, 38

 221, 226, 255

 54, 221, 15

 221, 229, 255

 43, 221, 0

 221, 230, 255

 221, 232, 255

 221, 234, 255

Harmonies

Analogous

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



249, 243, 152



162, 221, 148



160, 218, 191

Triad

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



162, 221, 148



116, 174, 245



255, 189, 231

Complementary

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



162, 221, 148



148, 158, 221

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.



224, 197, 255



162, 221, 148



140, 186, 255

Square

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



162, 221, 148



123, 176, 225



183, 202, 255



255, 186, 200

Rectangle

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



162, 221, 148



164, 212, 222



183, 202, 255



246, 191, 240

Sweetspot

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



162, 221, 148



235, 255, 230



221, 148, 160



116, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



162, 221, 148



172, 255, 153



148, 221, 172



101, 110, 99



33, 173, 0



8, 46, 0

Inverse Universe

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



148, 158, 221



153, 167, 255



172, 148, 221



99, 100, 110



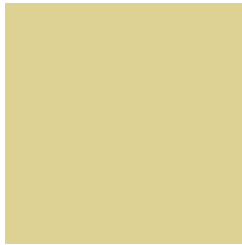
0, 24, 173



0, 6, 46

Previews

White Background



This preview shows how the RYB color 162, 221, 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 162, 221, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

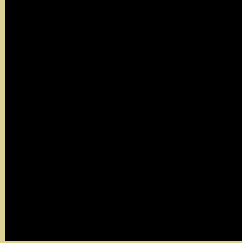
Any Text WCAG AA ✓ Pass

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 162, 221, 148 Background



This preview shows how black text looks on a background with the RYB color 162, 221, 148.

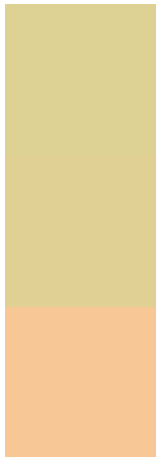


This preview shows how white text looks on a background with the RYB color 162, 221, 148.

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
162, 221, 148

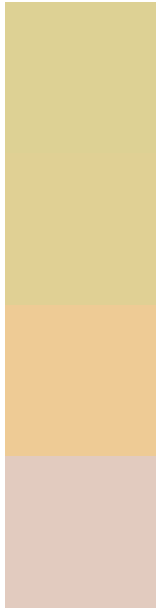
Protanopia
170, 225, 148

Deuteranopia
245, 247, 150



Tritanopia
229, 200, 216

Trichromacy



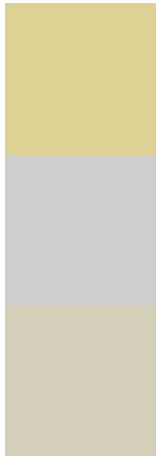
Original Color
162, 221, 148

Protanomaly
168, 224, 148

Deuteranomaly
207, 238, 149

Tritanomaly
226, 209, 191

Monochromacy



Original Color
162, 221, 148

Achromatopsia
206, 206, 206

Achromatomaly
190, 211, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 221, 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(221, 209, 148)` looks like.

```
.text, #text, p{  
    color:rgb(221, 209, 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(221, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 209, 148) }
```

Border

The CSS property to change the border of an element to RYB 162, 221, 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(221, 209, 148) }
```

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

```
.border{ border-color:rgb(221, 209, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 209, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 209, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 209, 148);  
box-shadow:4px 4px 4px 4px rgb(221, 209,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 162, 221, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 209, 148) }
```

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

```
.background{ background-color: rgb(221,  
209, 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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