

Converting Colors

`RYB(162, 220, 140)`

Have a look what the booklet for
RYB(162, 220, 140) contains.

RYB(162, 220, 140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(162, 220, 140)

Conversions

Conversions Part 1

Format	Color
Hex	DCCB8C
RGB	220, 203, 140
RGB Percent	86%, 80%, 55%
CMY	0.1373, 0.2049, 0.4510
CMYK	0.00, 0.08, 0.36, 0.14
HSL	47°, 53%, 71%
HSV	47°, 36%, 86%
XYZ	55.5446, 59.7007, 33.4068
YIQ	200.9010, 30.3550, -15.9890

Conversions

Conversions Part 2

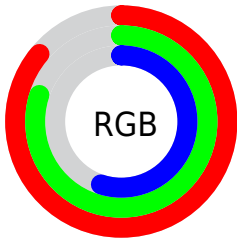
Format	Color
RYB	162, 220, 140
Decimal	14470028
CIELab	81.68, -2.99, 33.51
CIELCh	82, 33.646, 95.093
Yxy	59.7007, 0.3737, 0.4016
Android (android.graphics.Color)	4292660108 (0xFFDCCB8C)
YUV	200.9010, -30.0242, 16.7498
Hunter-Lab	77.2662, -6.8970, 28.4517

Details

The RYB color **162, 220, 140** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **140, 154, 220**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **194, 255, 194**, and **108, 164, 89** is the 20% darker color. If you saturate the color by 10%, you get **146, 220, 118**, and if you desaturate by 10%, it is **179, 220, 162**.

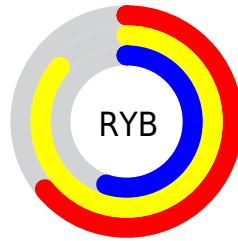
Distribution



Red (86%)

Green (80%)

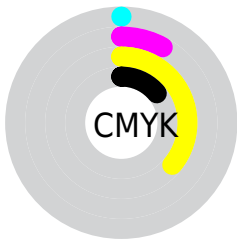
Blue (55%)



Red (64%)

Yellow (86%)

Blue (55%)

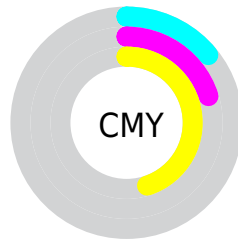


Cyan (0%)

Magenta (8%)

Yellow (36%)

Black (14%)



Cyan (14%)

Magenta (20%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 220, 140 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, 220, 140 by changing the saturation by 10% instead.

 162, 220, 140


255, 255, 255

 194, 255, 194


 222, 255, 222

 251, 255, 251

 162, 220, 140

 136, 192, 114

 108, 164, 89

 82, 137, 65

 56, 110, 41

 30, 85, 18

 9, 60, 0

 6, 36, 0

 0, 8, 6


 0, 0, 0

 162, 220, 140


 162, 220, 140

 146, 220, 118

 179, 220, 162

 131, 220, 96

 194, 220, 184

 113, 220, 74

 210, 220, 206

 98, 220, 52


 220, 222, 228

 82, 220, 30

 220, 225, 250

 67, 220, 8

 220, 228, 255

 60, 220, 0

 220, 231, 255

 220, 233, 255

 220, 235, 255

Harmonies

Analogous

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



248, 228, 147



162, 220, 140



151, 212, 177

Triad

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



162, 220, 140



103, 165, 238



248, 183, 230

Complementary

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



162, 220, 140



140, 154, 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.



214, 193, 255



162, 220, 140



126, 178, 255

Square

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



162, 220, 140



116, 172, 221



170, 194, 255



255, 180, 199

Rectangle

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



162, 220, 140



161, 211, 216



170, 194, 255



238, 186, 239

Sweetspot

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



162, 220, 140



235, 255, 227



220, 140, 157



116, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



162, 220, 140



174, 255, 143



140, 220, 163



103, 110, 99



47, 173, 0



13, 46, 0

Inverse Universe

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



140, 154, 220



143, 163, 255



163, 140, 220



99, 101, 110



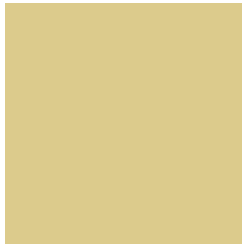
0, 30, 173



0, 8, 46

Previews

White Background



This preview shows how the RYB color 162, 220, 140 looks on a white background.

Color Contrast Check

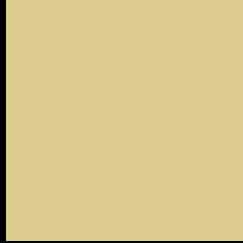
Large Text (above 18pt) WCAG AA × Fail

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, 220, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

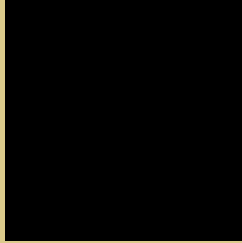
Any Text WCAG AA ✓ Pass

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, 220, 140 Background



This preview shows how black text looks on a background with the RYB color 162, 220, 140.



This preview shows how white text looks on a background with the RYB color 162, 220, 140.

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, 220, 140

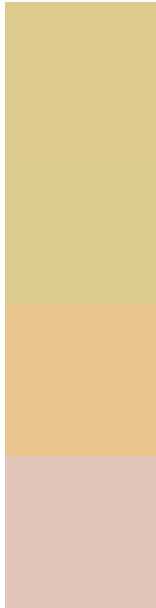
Protanopia
160, 219, 140

Deuteranopia
234, 242, 142



Tritanopia
228, 194, 209

Trichromacy



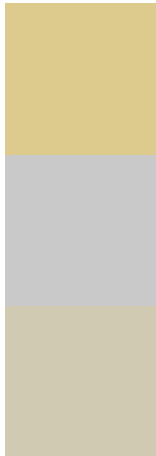
Original Color
162, 220, 140

Protanomaly
160, 219, 140

Deuteranomaly
202, 234, 141

Tritanomaly
225, 203, 184

Monochromacy



Original Color
162, 220, 140

Achromatopsia
201, 201, 201

Achromatomaly
187, 208, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 220, 140 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(220, 203, 140)` looks like.

```
.text, #text, p{  
    color:rgb(220, 203, 140)  
}
```

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(220, 203, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 203, 140) }
```

Border

The CSS property to change the border of an element to RYB 162, 220, 140 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(220, 203, 140) }
```

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

```
.border{ border-color:rgb(220, 203, 140) }
```

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

Here you see how a box with a 4 pixel rgb(220, 203, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 203, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 203, 140);  
box-shadow:4px 4px 4px 4px rgb(220, 203,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 162, 220, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 203, 140) }
```

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

```
.background{ background-color: rgb(220,  
203, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor