

Converting Colors

`RYB(145, 214, 140)`

Have a look what the booklet for
RYB(145, 214, 140) contains.

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Color

R_YB(145, 214, 140)

Conversions

Conversions Part 1

Format	Color
Hex	D6D18C
RGB	214, 209, 140
RGB Percent	84%, 82%, 55%
CMY	0.1608, 0.1792, 0.4510
CMYK	0.00, 0.02, 0.35, 0.16
HSL	56°, 47%, 69%
HSV	56°, 35%, 84%
XYZ	55.3434, 61.9460, 33.8508
YIQ	202.6290, 25.1290, -20.3990

Conversions

Conversions Part 2

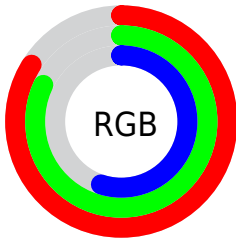
Format	Color
R_{YB}	145, 214, 140
Decimal	14078348
CIE _{Lab}	82.88, -8.71, 35.00
CIE _{LCh}	83, 36.069, 103.966
Yxy	61.9460, 0.3662, 0.4099
Android (android.graphics.Color)	4292268428 (0xFFD6D18C)
YUV	202.6290, -30.8761, 9.9724
Hunter-Lab	78.7058, -12.2196, 29.5938

Details

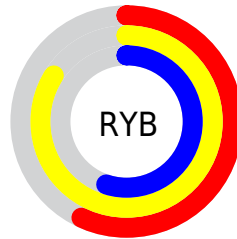
The RYB color **145, 214, 140** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **140, 145, 214**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **194, 255, 194**, and **92, 158, 89** is the 20% darker color. If you saturate the color by 10%, you get **125, 214, 119**, and if you desaturate by 10%, it is **164, 214, 161**.

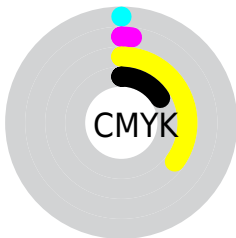
Distribution



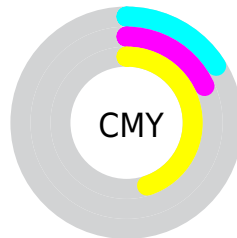
- Red (84%)
- Green (82%)
- Blue (55%)



- Red (57%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 214, 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 145, 214, 140 by changing the saturation by 10% instead.

 145, 214, 140


255, 255, 255


 194, 255, 194


 222, 255, 222


 251, 255, 251

 145, 214, 140

 118, 186, 114

 92, 158, 89


 66, 131, 64

 42, 105, 41

 17, 80, 17

 0, 57, 1

 0, 36, 4

 0, 16, 16


 0, 0, 0

 145, 214, 140

 145, 214, 140

 125, 214, 119

 164, 214, 161

 104, 214, 97

 185, 214, 183

 86, 214, 76

 205, 214, 204

 65, 214, 54

 214, 215, 226

 45, 214, 33

 214, 216, 247

 26, 214, 12

 214, 217, 255

 15, 214, 0

 214, 218, 255

 214, 219, 255

 214, 221, 255

Harmonies

Analogous

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



231, 246, 142



145, 214, 140



157, 218, 199

Triad

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



145, 214, 140



97, 166, 252



255, 183, 226

Complementary

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



145, 214, 140



140, 145, 214

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.



231, 192, 255



145, 214, 140



134, 183, 255

Square

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



145, 214, 140



102, 164, 225



185, 200, 255



255, 181, 192

Rectangle

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



145, 214, 140



149, 202, 222



185, 200, 255



253, 185, 237

Sweetspot

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



145, 214, 140



232, 255, 230



214, 140, 145



113, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



145, 214, 140



158, 255, 150



140, 214, 172



97, 107, 96



12, 171, 0



2, 43, 0

Inverse Universe

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



140, 145, 214



150, 157, 255



172, 140, 214



96, 97, 107



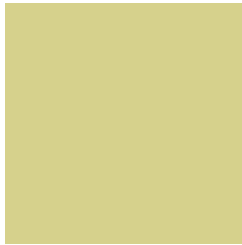
0, 10, 171



0, 3, 43

Previews

White Background



This preview shows how the RYB color 145, 214, 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 145, 214, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

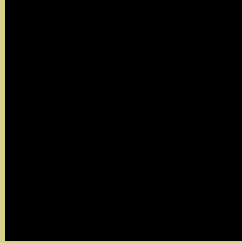
Any Text WCAG AA ✓ Pass

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 145, 214, 140 Background



This preview shows how black text looks on a background with the RYB color 145, 214, 140.



This preview shows how white text looks on a background with the RYB color 145, 214, 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
145, 214, 140

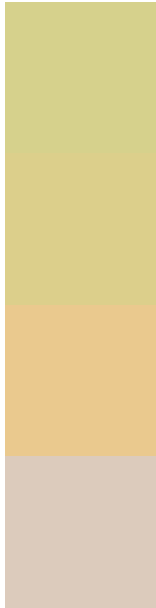
Protanopia
162, 224, 139

Deuteranopia
236, 246, 143



Tritanopia
223, 200, 216

Trichromacy



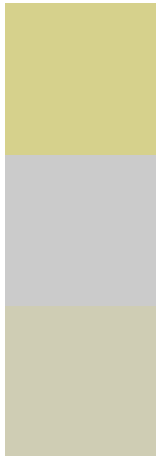
Original Color
145, 214, 140

Protanomaly
154, 220, 139

Deuteranomaly
193, 234, 142

Tritanomaly
220, 216, 188

Monochromacy



Original Color
145, 214, 140

Achromatopsia
203, 203, 203

Achromatomaly
182, 207, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 214, 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(214, 209, 140)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 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(214, 209, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 140) }
```

Border

The CSS property to change the border of an element to RYB 145, 214, 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(214, 209, 140) }
```

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

```
.border{ border-color:rgb(214, 209, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 140);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 145, 214, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 140) }
```

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

```
.background{ background-color: rgb(214,  
209, 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](#).

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