

Converting Colors

`RYB(145, 198, 141)`

Have a look what the booklet for
RYB(145, 198, 141) contains.

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Color

$\text{RYB}(145, 198, 141)$

Conversions

Conversions Part 1

Format	Color
Hex	C6C28D
RGB	198, 194, 141
RGB Percent	78%, 76%, 55%
CMY	0.2235, 0.2382, 0.4471
CMYK	0.00, 0.02, 0.29, 0.22
HSL	56°, 33%, 66%
HSV	56°, 29%, 78%
XYZ	47.4466, 52.6293, 32.8571
YIQ	189.1540, 19.3970, -15.6350

Conversions

Conversions Part 2

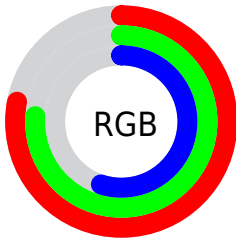
Format	Color
RYB	145, 198, 141
Decimal	13025933
CIELab	77.66, -7.05, 27.33
CIELCh	78, 28.222, 104.470
Yxy	52.6293, 0.3569, 0.3959
Android (android.graphics.Color)	4291216013 (0xFFC6C28D)
YUV	189.1540, -23.7399, 7.7579
Hunter-Lab	72.5460, -10.2128, 23.9290

Details

The RYB color **145, 198, 141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **141, 145, 198**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **200, 255, 195**, and **92, 143, 90** is the 20% darker color. If you saturate the color by 10%, you get **126, 198, 121**, and if you desaturate by 10%, it is **163, 198, 161**.

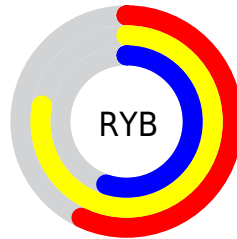
Distribution



Red (78%)

Green (76%)

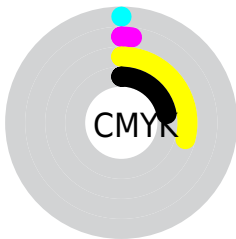
Blue (55%)



Red (57%)

Yellow (78%)

Blue (55%)

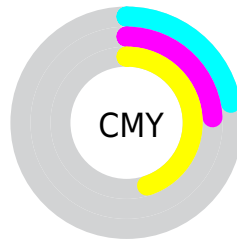


Cyan (0%)

Magenta (2%)

Yellow (29%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 198, 141 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, 198, 141 by changing the saturation by 10% instead.

 145, 198, 141


255, 255, 255


 199, 255, 195

 223, 255, 223

 252, 255, 252

 145, 198, 141

 118, 170, 115

 92, 143, 90

 68, 117, 66

 44, 92, 43

 22, 68, 21

 0, 45, 0


 0, 25, 4


 0, 0, 0

 145, 198, 141


 145, 198, 141

 126, 198, 121


 163, 198, 161


 107, 198, 101

 182, 198, 181

 91, 198, 82

 198, 198, 200

 72, 198, 62


 198, 199, 220

 53, 198, 42

 198, 201, 240

 35, 198, 22

 198, 202, 255

 16, 198, 2

 198, 203, 255

 14, 198, 0

 198, 204, 255

 198, 205, 255

Harmonies

Analogous

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



210, 223, 142



145, 198, 141



154, 201, 187

Triad

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



145, 198, 141



117, 166, 228



235, 174, 207

Complementary

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



145, 198, 141



141, 145, 198

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.



212, 181, 229



145, 198, 141



141, 177, 242

Square

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



145, 198, 141



118, 163, 207



177, 188, 242



245, 173, 180

Rectangle

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



145, 198, 141



148, 190, 205



177, 188, 242



229, 176, 215

Sweetspot

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



145, 198, 141



234, 255, 232



198, 141, 145



114, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



145, 198, 141



172, 255, 166



141, 198, 166



90, 99, 90



12, 163, 0



3, 36, 0

Inverse Universe

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



141, 145, 198



166, 172, 255



166, 141, 198



90, 90, 99



0, 10, 163



0, 2, 36

Previews

White Background



This preview shows how the RYB color 145, 198, 141 looks on a white background.

Color Contrast Check

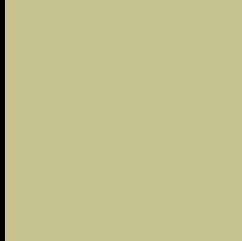
Large Text (above 18pt) WCAG AA × Fail

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, 198, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

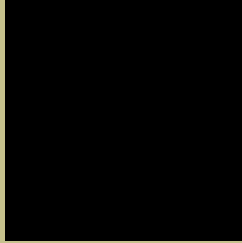
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

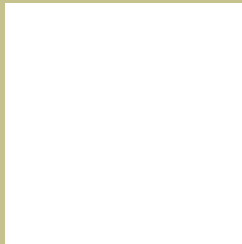
Any Text WCAG AAA ✓ Pass

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

RYB 145, 198, 141 Background



This preview shows how black text looks on a background with the RYB color 145, 198, 141.



This preview shows how white text looks on a background with the RYB color 145, 198, 141.

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, 198, 141

Protanopia

158, 206, 140

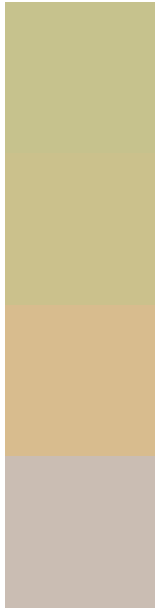
Deuteranopia

226, 224, 143



Tritanopia
205, 186, 201

Trichromacy



Original Color
145, 198, 141

Protanomaly
152, 203, 140

Deuteranomaly
187, 216, 142

Tritanomaly
202, 197, 179

Monochromacy



Original Color
145, 198, 141

Achromatopsia
189, 189, 189

Achromatomaly
173, 192, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 198, 141 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, 194, 141)` looks like.

```
.text, #text, p{  
    color:rgb(198, 194, 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(198, 194, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 194, 141) }
```

Border

The CSS property to change the border of an element to RYB 145, 198, 141 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, 194, 141) }
```

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

```
.border{ border-color:rgb(198, 194, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 194, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 194, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 194, 141);  
box-shadow:4px 4px 4px 4px rgb(198, 194,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 145, 198, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 194, 141) }
```

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

```
.background{ background-color: rgb(198,  
194, 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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