

Converting Colors

`RYB(206, 226, 139)`

Have a look what the booklet for
RYB(206, 226, 139) contains.

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Color

R_YB(206, 226, 139)

Conversions

Conversions Part 1

Format	Color
Hex	E2BC8B
RGB	226, 188, 139
RGB Percent	89%, 74%, 55%
CMY	0.1137, 0.2622, 0.4549
CMYK	0.00, 0.17, 0.38, 0.11
HSL	34°, 60%, 72%
HSV	34°, 38%, 89%
XYZ	54.0394, 54.0631, 32.0131
YIQ	193.7760, 38.3770, -7.1830

Conversions

Conversions Part 2

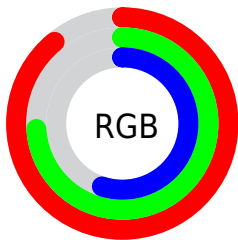
Format	Color
R _Y B	206, 226, 139
Decimal	14859403
CIE Lab	78.50, 6.90, 29.94
CIE LCh	78, 30.722, 77.030
Yxy	54.0631, 0.3857, 0.3858
Android (android.graphics.Color)	4293049483 (0xFFE2BC8B)
YUV	193.7760, -27.0046, 28.2604
Hunter-Lab	73.5276, 2.5158, 25.6551

Details

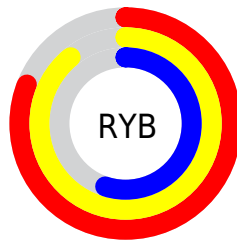
The RYB color **206, 226, 139** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **139, 165, 226**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **206, 255, 193**, and **147, 169, 88** is the 20% darker color. If you saturate the color by 10%, you get **201, 226, 116**, and if you desaturate by 10%, it is **212, 226, 162**.

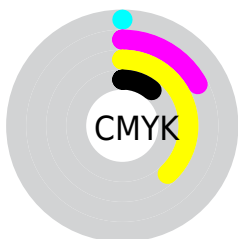
Distribution



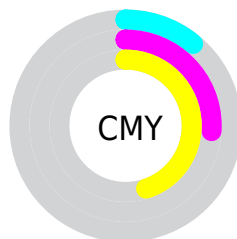
- Red (89%)
- Green (74%)
- Blue (55%)



- Red (81%)
- Yellow (89%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (38%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 226, 139 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 206, 226, 139 by changing the saturation by 10% instead.

 206, 226, 139

 206, 226, 139

255, 255, 255

 176, 197, 113


 206, 255, 193

 147, 169, 88

 221, 255, 221

 118, 142, 64

 250, 255, 250

 91, 115, 41

 63, 89, 19

 38, 64, 0

 37, 39, 0

 1, 0, 0

 0, 0, 0

 206, 226, 139

 206, 226, 139

 201, 226, 116


 212, 226, 162

 197, 226, 94


 216, 226, 184

 189, 226, 71

 221, 226, 207

 185, 226, 49

 226, 227, 229

 180, 226, 26

 226, 234, 252

 175, 226, 3

 226, 238, 255

 173, 226, 0

 226, 241, 255

Harmonies

Analogous

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



245, 188, 154



206, 226, 139



139, 198, 139

Triad

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



206, 226, 139



109, 160, 210



218, 181, 233

Complementary

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



206, 226, 139



139, 165, 226

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.



181, 190, 249



206, 226, 139



111, 165, 235

Square

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



206, 226, 139



133, 180, 209



140, 179, 249



243, 174, 208

Rectangle

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



206, 226, 139



148, 203, 174



140, 179, 249



207, 185, 240

Sweetspot

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



206, 226, 139



246, 255, 224



226, 139, 178



124, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



206, 226, 139



228, 255, 138



139, 226, 143



110, 112, 101



137, 176, 0



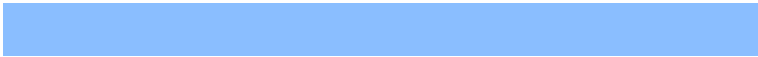
37, 48, 0

Inverse Universe

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



139, 165, 226



138, 174, 255



143, 139, 226



101, 104, 112



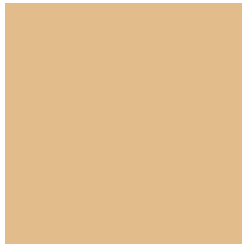
0, 54, 176



0, 15, 48

Previews

White Background



This preview shows how the RYB color 206, 226, 139 looks on a white background.

Color Contrast Check

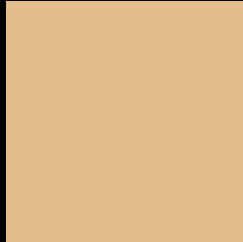
Large Text (above 18pt) WCAG AA × Fail

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 206, 226, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

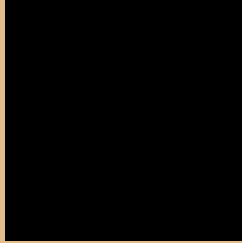
Any Text WCAG AA ✓ Pass

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](#).

R Y B 206, 226, 139 Background



This preview shows how black text looks on a background with the RYB color 206, 226, 139.



This preview shows how white text looks on a background with the RYB color 206, 226, 139.

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
206, 226, 139

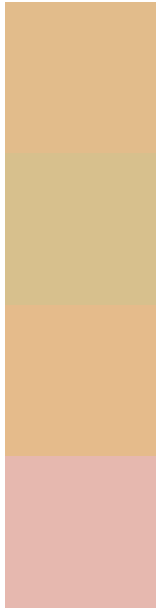
Protanopia
161, 209, 142

Deuteranopia
227, 231, 139



Tritanopia
232, 181, 195

Trichromacy



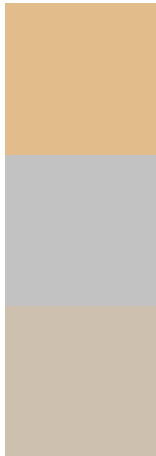
Original Color
206, 226, 139

Protanomaly
174, 215, 141

Deuteranomaly
218, 229, 139

Tritanomaly
230, 186, 175

Monochromacy



Original Color
206, 226, 139

Achromatopsia
194, 194, 194

Achromatomaly
199, 206, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 226, 139 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(226, 188, 139)` looks like.

```
.text, #text, p{  
    color:rgb(226, 188, 139)  
}
```

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(226, 188, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 188, 139) }
```

Border

The CSS property to change the border of an element to RYB 206, 226, 139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

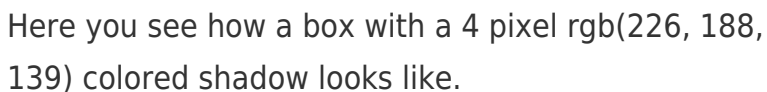
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 188, 139) }
```

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

```
.border{ border-color:rgb(226, 188, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 188, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 188, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 188, 139);  
box-shadow:4px 4px 4px 4px rgb(226, 188,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 206, 226, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 188, 139) }
```

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

```
.background{ background-color: rgb(226,  
188, 139) }
```

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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