

Converting Colors

`RYB(206, 255, 136)`

Have a look what the booklet for
RYB(206, 255, 136) contains.

RYB(206, 255, 136)	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

`RYB(206, 255, 136)`

Conversions

Conversions Part 1

Format	Color
Hex	FFD388
RGB	255, 211, 136
RGB Percent	100%, 83%, 53%
CMY	0.0000, 0.1728, 0.4667
CMYK	0.00, 0.17, 0.47, 0.00
HSL	38°, 100%, 77%
HSV	38°, 47%, 100%
XYZ	68.9598, 69.5893, 33.0901
YIQ	215.6060, 50.2990, -13.9970

Conversions

Conversions Part 2

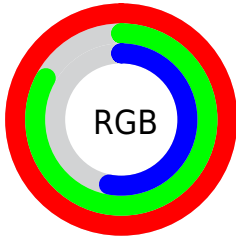
Format	Color
R _Y B	206, 255, 136
Decimal	16765832
CIE Lab	86.80, 6.20, 42.77
CIE LCh	87, 43.215, 81.747
Yxy	69.5893, 0.4018, 0.4054
Android (android.graphics.Color)	4294955912 (0xFFFFD388)
YUV	215.6060, -39.2458, 34.5485
Hunter-Lab	83.4202, 1.5727, 34.8757

Details

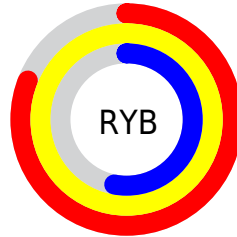
The RYB color **206, 255, 136** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **136, 168, 255**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **190, 255, 190**, and **145, 196, 85** is the 20% darker color. If you saturate the color by 10%, you get **197, 255, 111**, and if you desaturate by 10%, it is **218, 255, 162**.

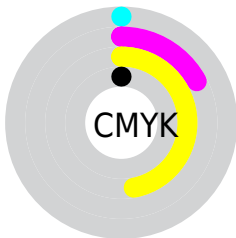
Distribution



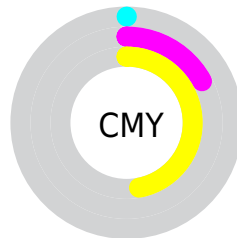
- Red (100%)
- Green (83%)
- Blue (53%)



- Red (81%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (17%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 255, 136 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, 255, 136 by changing the saturation by 10% instead.

 206, 255, 136

 206, 255, 136

255, 255, 255

 176, 225, 110


 190, 255, 190

 145, 196, 85

 218, 255, 218

 114, 167, 60

 247, 255, 247

 83, 139, 35

 50, 112, 8

 39, 86, 0

 35, 59, 0

 35, 33, 0

 0, 0, 0

206, 255, 136

206, 255, 136

197, 255, 111

218, 255, 162

185, 255, 85

227, 255, 187

174, 255, 60

239, 255, 213

164, 255, 34

247, 255, 238

153, 255, 9

255, 255, 255

149, 255, 0

Harmonies

Analogous

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



255, 229, 154



206, 255, 136



140, 224, 150

Triad

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



206, 255, 136



65, 154, 246



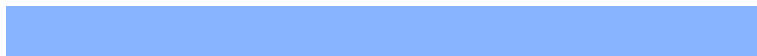
255, 196, 255

Complementary

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



206, 255, 136



136, 168, 255

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.



206, 211, 255



206, 255, 136



74, 159, 255

Square

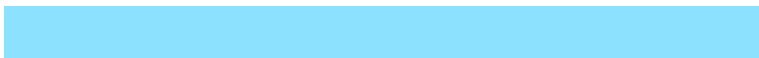
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206, 255, 136



115, 187, 239



140, 189, 255



255, 187, 230

Rectangle

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



206, 255, 136



155, 231, 203



140, 189, 255



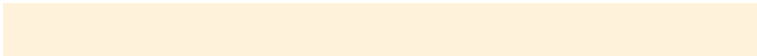
243, 201, 255

Sweetspot

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



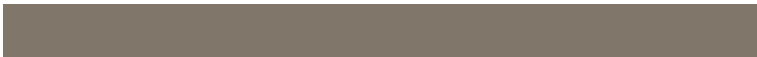
206, 255, 136



239, 255, 219



255, 136, 182



121, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



206, 255, 136



196, 255, 112



136, 255, 150



123, 128, 115



113, 191, 0



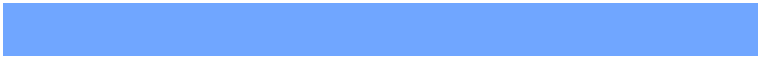
38, 64, 0

Inverse Universe

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



136, 168, 255



112, 151, 255



150, 136, 255



115, 118, 128



0, 52, 191



0, 17, 64

Previews

White Background



This preview shows how the RYB color 206, 255, 136 looks on a white background.

Color Contrast Check

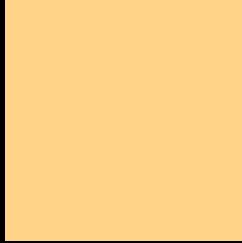
Large Text (above 18pt) WCAG AA × Fail

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, 255, 136 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](#).

RYP 206, 255, 136 Background



This preview shows how black text looks on a background with the RYP color 206, 255, 136.



This preview shows how white text looks on a background with the RYP color 206, 255, 136.

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, 255, 136

Protanopia
163, 237, 139

Deuteranopia
239, 255, 156



Tritanopia
255, 204, 217

Trichromacy



Original Color

206, 255, 136

Protanomaly

178, 244, 138

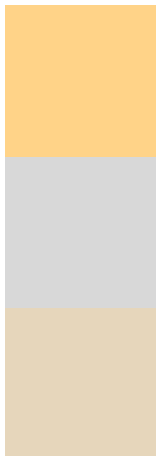
Deuteranomaly

227, 255, 149

Tritanomaly

255, 215, 188

Monochromacy



Original Color

206, 255, 136

Achromatopsia

216, 216, 216

Achromatomaly

212, 230, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 255, 136 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(255, 211, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 136)  
}
```

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(255, 211, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 136) }
```

Border

The CSS property to change the border of an element to RYB 206, 255, 136 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(255, 211, 136) }
```

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

```
.border{ border-color:rgb(255, 211, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 206, 255, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 136) }
```

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

```
.background{ background-color: rgb(255,  
211, 136) }
```

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