

Converting Colors

`RYB(188, 213, 136)`

Have a look what the booklet for
RYB(188, 213, 136) contains.

RYB(188, 213, 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

R_YB(188, 213, 136)

Conversions

Conversions Part 1

Format	Color
Hex	D5B688
RGB	213, 182, 136
RGB Percent	84%, 71%, 53%
CMY	0.1647, 0.2864, 0.4667
CMYK	0.00, 0.15, 0.36, 0.16
HSL	36°, 48%, 68%
HSV	36°, 36%, 84%
XYZ	48.6045, 49.3637, 30.2590
YIQ	186.0250, 33.2420, -7.7340

Conversions

Conversions Part 2

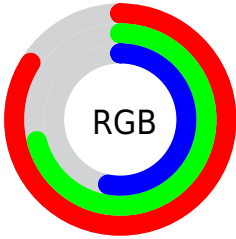
Format	Color
RYB	188, 213, 136
Decimal	14005896
CIELab	75.68, 4.68, 27.55
CIELCh	76, 27.943, 80.364
Yxy	49.3637, 0.3790, 0.3850
Android (android.graphics.Color)	4292195976 (0xFFD5B688)
YUV	186.0250, -24.6623, 23.6571
Hunter-Lab	70.2593, 0.5302, 23.6468

Details

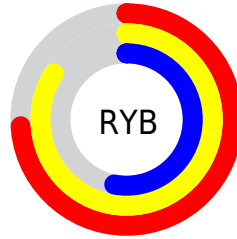
The RYB color **188, 213, 136** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **136, 158, 213**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **213, 255, 190**, and **132, 157, 86** is the 20% darker color. If you saturate the color by 10%, you get **183, 213, 115**, and if you desaturate by 10%, it is **193, 213, 157**.

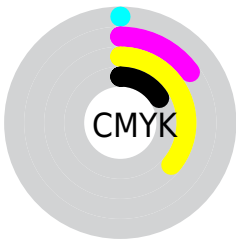
Distribution



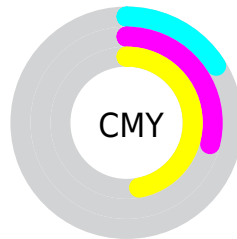
- Red (84%)
- Green (71%)
- Blue (53%)



- Red (74%)
- Yellow (84%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 213, 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 188, 213, 136 by changing the saturation by 10% instead.

 188, 213, 136

255, 255, 255

 213, 255, 190


 218, 255, 218

 246, 255, 246


 188, 213, 136

 160, 185, 110

 132, 157, 86

 104, 130, 62

 77, 104, 39

 49, 78, 17

 29, 55, 0

 31, 29, 0


 0, 0, 0

 188, 213, 136


 188, 213, 136

 183, 213, 115


 193, 213, 157

 173, 213, 93

 203, 213, 179

 168, 213, 72

 208, 213, 200

 160, 213, 51

 213, 215, 221

 154, 213, 30

 213, 222, 243

 147, 213, 8

 213, 227, 255

 144, 213, 0

 213, 230, 255

 213, 233, 255

 213, 234, 255

Harmonies

Analogous

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



232, 186, 148



188, 213, 136



138, 190, 141

Triad

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



188, 213, 136



111, 156, 203



211, 174, 220

Complementary

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



188, 213, 136



136, 158, 213

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.



179, 183, 235



188, 213, 136



115, 162, 225

Square

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



188, 213, 136



129, 171, 200



143, 175, 237



232, 168, 196

Rectangle

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



188, 213, 136



147, 195, 175



143, 175, 237



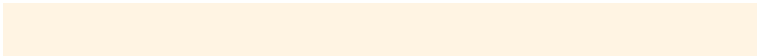
202, 177, 226

Sweetspot

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



188, 213, 136



245, 255, 227



213, 136, 168



123, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



188, 213, 136



218, 255, 145



136, 213, 142



102, 107, 96



116, 171, 0



28, 43, 0

Inverse Universe

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



136, 158, 213



145, 177, 255



142, 136, 213



96, 99, 107



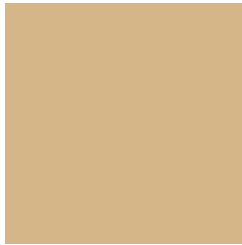
0, 49, 171



0, 12, 43

Previews

White Background



This preview shows how the RYB color 188, 213, 136 looks on a white background.

Color Contrast Check

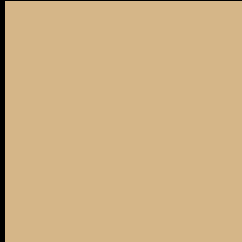
Large Text (above 18pt) WCAG AA × Fail

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 188, 213, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

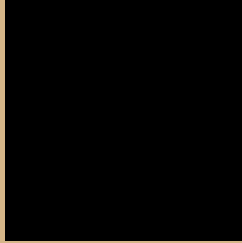
Any Text WCAG AA ✓ Pass

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](#).

RYB 188, 213, 136 Background



This preview shows how black text looks on a background with the RYB color 188, 213, 136.

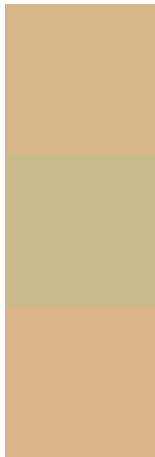


This preview shows how white text looks on a background with the RYB color 188, 213, 136.

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
188, 213, 136

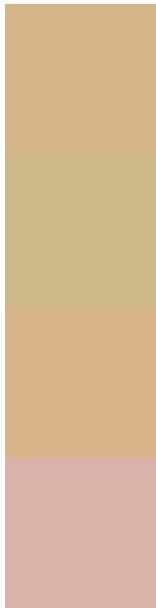
Protanopia
156, 200, 138

Deuteranopia
221, 221, 137



Tritanopia
219, 175, 189

Trichromacy



Original Color
188, 213, 136

Protanomaly
165, 205, 137

Deuteranomaly
209, 218, 137

Tritanomaly
217, 180, 170

Monochromacy



Original Color
188, 213, 136

Achromatopsia
186, 186, 186

Achromatomaly
186, 196, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 213, 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(213, 182, 136) looks like.

```
.text, #text, p{  
    color:rgb(213, 182, 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(213, 182, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 182, 136) }
```

Border

The CSS property to change the border of an element to RYB 188, 213, 136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

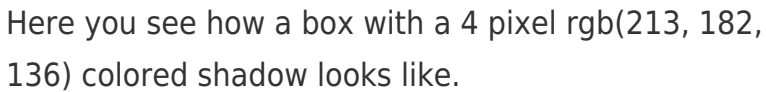
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 182, 136) }
```

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

```
.border{ border-color:rgb(213, 182, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 182, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 182, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 182, 136); box-shadow:4px 4px 4px 4px rgb(213, 182, 136) }
```

Background

The CSS property to change the background color of an element to RYB 188, 213, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 182, 136) }
```

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

```
.background{ background-color: rgb(213,  
182, 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