

Converting Colors

`RYB(194, 213, 142)`

Have a look what the booklet for
RYB(194, 213, 142) contains.

RYB(194, 213, 142)	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

$\text{RYB}(194, 213, 142)$

Conversions

Conversions Part 1

Format	Color
Hex	D5B78E
RGB	213, 183, 142
RGB Percent	84%, 72%, 56%
CMY	0.1647, 0.2824, 0.4431
CMYK	0.00, 0.14, 0.33, 0.16
HSL	35°, 46%, 70%
HSV	35°, 33%, 84%
XYZ	49.2532, 49.9594, 32.6384
YIQ	187.2960, 31.0410, -6.3910

Conversions

Conversions Part 2

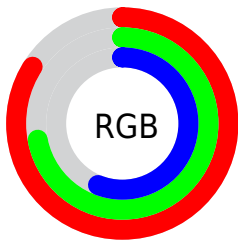
Format	Color
RYB	194, 213, 142
Decimal	14006158
CIELab	76.04, 4.86, 24.85
CIElCh	76, 25.319, 78.922
Yxy	49.9594, 0.3736, 0.3789
Android (android.graphics.Color)	4292196238 (0xFFD5B78E)
YUV	187.2960, -22.3309, 22.5424
Hunter-Lab	70.6820, 0.6904, 22.0994

Details

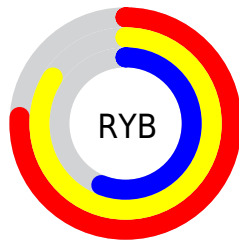
The RYB color **194, 213, 142** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **142, 163, 213**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **218, 255, 196**, and **137, 157, 91** is the 20% darker color. If you saturate the color by 10%, you get **189, 213, 121**, and if you desaturate by 10%, it is **199, 213, 163**.

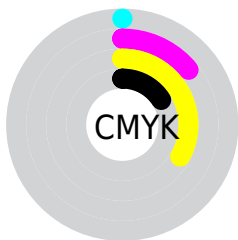
Distribution



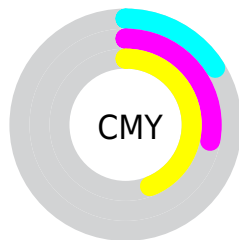
- Red (84%)
- Green (72%)
- Blue (56%)



- Red (76%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (14%)
- Yellow (33%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 213, 142 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 194, 213, 142 by changing the saturation by 10% instead.

 194, 213, 142


255, 255, 255

 218, 255, 196

 224, 255, 224


253, 255, 253

 194, 213, 142

 166, 185, 116

 137, 157, 91

 110, 130, 68

 83, 104, 45

 57, 79, 23

 27, 55, 0

 32, 32, 0

 0, 0, 0

 194, 213, 142

 194, 213, 142


 189, 213, 121


 199, 213, 163

 182, 213, 99


 206, 213, 185

 177, 213, 78

 211, 213, 206

 171, 213, 57

 213, 217, 227

 166, 213, 36

 213, 224, 249

 159, 213, 14

 213, 228, 255

 156, 213, 0

 213, 231, 255

 213, 234, 255

Harmonies

Analogous

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



230, 186, 153



194, 213, 142



143, 191, 145

Triad

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



194, 213, 142



122, 162, 202



209, 177, 218

Complementary

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



194, 213, 142



142, 163, 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.



180, 185, 231



194, 213, 142



125, 167, 222

Square

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



194, 213, 142



138, 176, 200



148, 177, 233



229, 171, 197

Rectangle

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



194, 213, 142



151, 195, 174



148, 177, 233



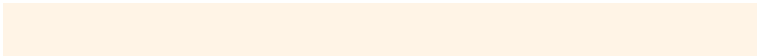
200, 179, 224

Sweetspot

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



194, 213, 142



250, 255, 230



213, 142, 173



124, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



194, 213, 142



227, 255, 153



142, 213, 147



102, 107, 96



124, 171, 0



31, 43, 0

Inverse Universe

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



142, 163, 213



153, 183, 255



147, 142, 213



96, 99, 107



0, 51, 171



0, 13, 43

Previews

White Background



This preview shows how the RYB color 194, 213, 142 looks on a white background.

Color Contrast Check

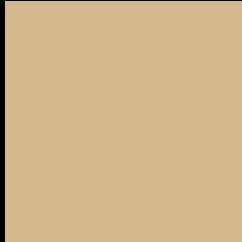
Large Text (above 18pt) WCAG AA × Fail

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 194, 213, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

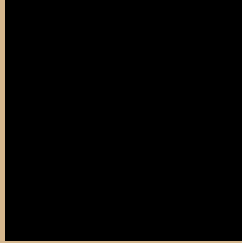
Any Text WCAG AA ✓ Pass

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 194, 213, 142 Background



This preview shows how black text looks on a background with the R Y B color 194, 213, 142.



This preview shows how white text looks on a background with the R Y B color 194, 213, 142.

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
194, 213, 142

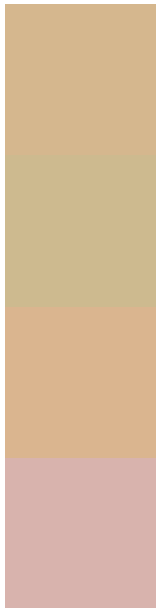
Protanopia
161, 200, 144

Deuteranopia
221, 213, 143



Tritanopia
218, 176, 190

Trichromacy



Original Color

194, 213, 142

Protanomaly

170, 205, 143

Deuteranomaly

216, 218, 143

Tritanomaly

216, 180, 173

Monochromacy



Original Color

194, 213, 142

Achromatopsia

187, 187, 187

Achromatomaly

188, 196, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 213, 142 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, 183, 142) looks like.

```
.text, #text, p{  
    color:rgb(213, 183, 142)  
}
```

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, 183, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 183, 142) }
```

Border

The CSS property to change the border of an element to RYB 194, 213, 142 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, 183, 142) }
```

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

```
.border{ border-color:rgb(213, 183, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 183, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 183, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 183, 142);  
box-shadow:4px 4px 4px 4px rgb(213, 183,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 194, 213, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 183, 142) }
```

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

```
.background{ background-color: rgb(213,  
183, 142) }
```

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