

Converting Colors

`RYB(212, 218, 147)`

Have a look what the booklet for
RYB(212, 218, 147) contains.

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Color

R_YB(212, 218, 147)

Conversions

Conversions Part 1

Format	Color
Hex	DAB893
RGB	218, 184, 147
RGB Percent	85%, 72%, 58%
CMY	0.1451, 0.2782, 0.4235
CMYK	0.00, 0.16, 0.33, 0.15
HSL	31°, 49%, 72%
HSV	31°, 33%, 85%
XYZ	51.3341, 51.3205, 34.8040
YIQ	189.9480, 32.1410, -4.2990

Conversions

Conversions Part 2

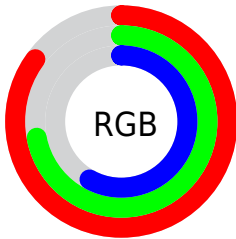
Format	Color
R_{YB}	212, 218, 147
Decimal	14334099
CIE _{Lab}	76.87, 6.87, 23.38
CIE _{LCh}	77, 24.367, 73.618
Yxy	51.3205, 0.3735, 0.3734
Android (android.graphics.Color)	4292524179 (0xFFDAB893)
YUV	189.9480, -21.1734, 24.6016
Hunter-Lab	71.6383, 2.5414, 21.3420

Details

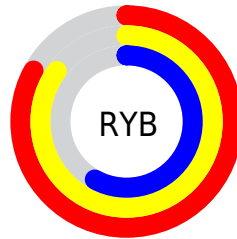
The RYB color **212, 218, 147** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **147, 170, 218**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **222, 255, 201**, and **154, 162, 96** is the 20% darker color. If you saturate the color by 10%, you get **209, 218, 125**, and if you desaturate by 10%, it is **216, 218, 169**.

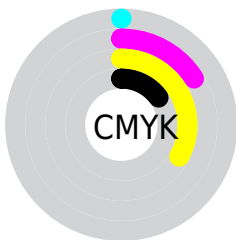
Distribution



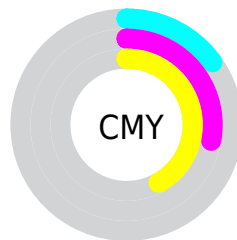
- Red (85%)
- Green (72%)
- Blue (58%)



- Red (83%)
- Yellow (85%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 218, 147 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 212, 218, 147 by changing the saturation by 10% instead.


 212, 218, 147

255, 255, 255


 222, 255, 201

 229, 255, 229

 212, 218, 147

 184, 190, 121

 154, 162, 96

 126, 135, 72

 98, 109, 49

 69, 83, 27

 39, 59, 3

 35, 33, 0

 0, 0, 0

 212, 218, 147

 212, 218, 147

 209, 218, 125

 216, 218, 169

 208, 218, 103


 216, 218, 191

 207, 218, 82

 218, 218, 212

 206, 218, 60

 218, 223, 234

 203, 218, 38

 218, 230, 255

 199, 218, 16

 218, 234, 255

 199, 218, 0

 218, 237, 255

Harmonies

Analogous

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



232, 182, 160



212, 218, 147



150, 196, 146

Triad

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



212, 218, 147



129, 167, 203



206, 181, 223

Complementary

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



212, 218, 147



147, 170, 218

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.



177, 186, 233



212, 218, 147



128, 169, 220

Square

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



212, 218, 147



146, 182, 202



147, 178, 232



227, 175, 203

Rectangle

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



212, 218, 147



152, 196, 169



147, 178, 232



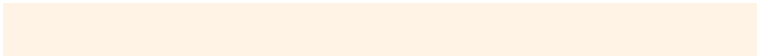
197, 183, 227

Sweetspot

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



212, 218, 147



253, 255, 230



218, 147, 181



128, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



212, 218, 147



249, 255, 156



147, 218, 148



110, 108, 99



156, 173, 0



42, 46, 0

Inverse Universe

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



147, 170, 218



156, 188, 255



148, 147, 218



99, 102, 110



0, 56, 173



0, 15, 46

Previews

White Background



This preview shows how the RYB color 212, 218, 147 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 212, 218, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

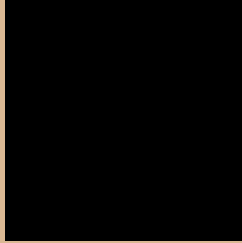
Any Text WCAG AA ✓ Pass

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 212, 218, 147 Background



This preview shows how black text looks on a background with the RYB color 212, 218, 147.



This preview shows how white text looks on a background with the RYB color 212, 218, 147.

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
212, 218, 147

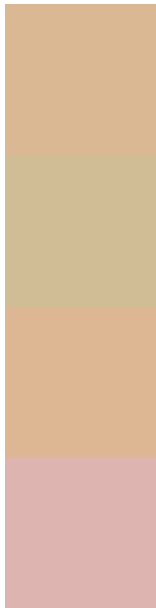
Protanopia
166, 202, 150

Deuteranopia
223, 212, 147



Tritanopia
223, 178, 192

Trichromacy



Original Color
212, 218, 147

Protanomaly
179, 208, 149

Deuteranomaly
221, 217, 147

Tritanomaly
221, 180, 176

Monochromacy



Original Color
212, 218, 147

Achromatopsia
190, 190, 190

Achromatomaly
196, 200, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 218, 147 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(218, 184, 147) looks like.

```
.text, #text, p{  
    color:rgb(218, 184, 147)  
}
```

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(218, 184, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 184, 147) }
```

Border

The CSS property to change the border of an element to RYB 212, 218, 147 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(218, 184, 147) }
```

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

```
.border{ border-color:rgb(218, 184, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 184, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 184, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 184, 147);  
box-shadow:4px 4px 4px 4px rgb(218, 184,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 218, 184, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 184, 147) }
```

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

```
.background{ background-color: rgb(218,  
184, 147) }
```

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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