

Converting Colors

`RYB(205, 218, 141)`

Have a look what the booklet for
RYB(205, 218, 141) contains.

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Color

R_YB(205, 218, 141)

Conversions

Conversions Part 1

Format	Color
Hex	DAB78D
RGB	218, 183, 141
RGB Percent	85%, 72%, 55%
CMY	0.1451, 0.2822, 0.4471
CMYK	0.00, 0.16, 0.35, 0.15
HSL	33°, 51%, 70%
HSV	33°, 35%, 85%
XYZ	50.6649, 50.7160, 32.3181
YIQ	188.6770, 34.3420, -5.6420

Conversions

Conversions Part 2

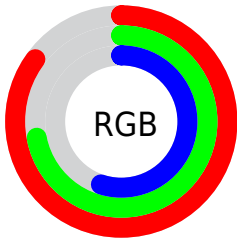
Format	Color
R _Y B	205, 218, 141
Decimal	14333837
CIE Lab	76.51, 6.67, 26.08
CIE LCh	77, 26.923, 75.649
Yxy	50.7160, 0.3789, 0.3793
Android (android.graphics.Color)	4292523917 (0xFFDAB78D)
YUV	188.6770, -23.5048, 25.7163
Hunter-Lab	71.2151, 2.3645, 22.9442

Details

The RYB color **205, 218, 141** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **141, 165, 218**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **217, 255, 195**, and **148, 162, 90** is the 20% darker color. If you saturate the color by 10%, you get **202, 218, 119**, and if you desaturate by 10%, it is **209, 218, 163**.

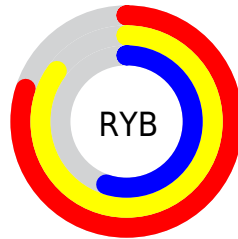
Distribution



Red (85%)

Green (72%)

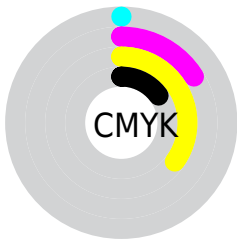
Blue (55%)



Red (80%)

Yellow (85%)

Blue (55%)

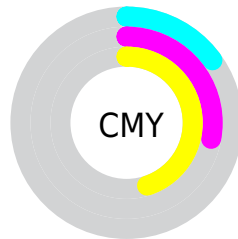


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (15%)



Cyan (15%)

Magenta (28%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RYB color 205, 218, 141 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 205, 218, 141 by changing the saturation by 10% instead.


 205, 218, 141

 205, 218, 141


255, 255, 255

 177, 190, 115


 217, 255, 195

 148, 162, 90

 223, 255, 223

 121, 135, 67

 252, 255, 252

 91, 108, 44

 64, 83, 22

 38, 59, 0

 34, 30, 0


 0, 0, 0

 205, 218, 141

 205, 218, 141

 202, 218, 119


 209, 218, 163

 198, 218, 97


 213, 218, 185

 196, 218, 76

 215, 218, 206

 192, 218, 54

 218, 221, 228

 185, 218, 32

 218, 228, 250

 182, 218, 10

 218, 233, 255

 181, 218, 0

 218, 236, 255

 218, 237, 255

Harmonies

Analogous

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



235, 182, 154



205, 218, 141



144, 194, 141

Triad

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



205, 218, 141



118, 161, 203



209, 178, 224

Complementary

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



205, 218, 141



141, 165, 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.



176, 185, 236



205, 218, 141



119, 165, 223

Square

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



205, 218, 141



138, 178, 202



142, 176, 236



231, 172, 202

Rectangle

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



205, 218, 141



148, 196, 169



142, 176, 236



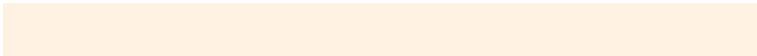
199, 181, 229

Sweetspot

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



205, 218, 141



251, 255, 227



218, 141, 177



126, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



205, 218, 141



238, 255, 148



141, 218, 144



108, 110, 99



142, 173, 0



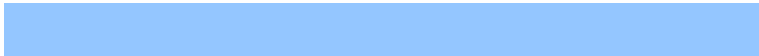
39, 46, 0

Inverse Universe

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



141, 165, 218



148, 182, 255



144, 141, 218



99, 102, 110



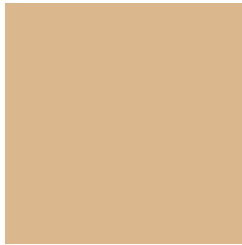
0, 54, 173



0, 14, 46

Previews

White Background



This preview shows how the RYB color 205, 218, 141 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 205, 218, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

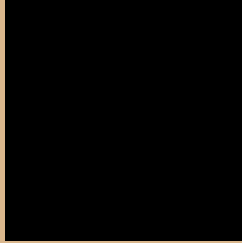
Any Text WCAG AA ✓ Pass

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 205, 218, 141 Background



This preview shows how black text looks on a background with the RYB color 205, 218, 141.



This preview shows how white text looks on a background with the RYB color 205, 218, 141.

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
205, 218, 141

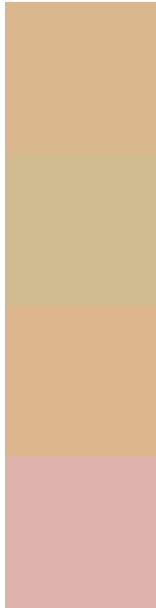
Protanopia
161, 202, 144

Deuteranopia
223, 219, 141



Tritanopia
223, 176, 190

Trichromacy



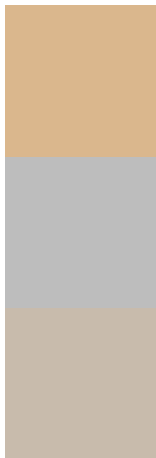
Original Color
205, 218, 141

Protanomaly
174, 208, 143

Deuteranomaly
217, 221, 141

Tritanomaly
221, 180, 172

Monochromacy



Original Color
205, 218, 141

Achromatopsia
189, 189, 189

Achromatomaly
196, 200, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 218, 141 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, 183, 141)` looks like.

```
.text, #text, p{  
    color:rgb(218, 183, 141)  
}
```

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, 183, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 183, 141) }
```

Border

The CSS property to change the border of an element to RYB 205, 218, 141 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, 183, 141) }
```

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

```
.border{ border-color:rgb(218, 183, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 183, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 183, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 183, 141);  
box-shadow:4px 4px 4px 4px rgb(218, 183,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 205, 218, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 183, 141) }
```

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

```
.background{ background-color: rgb(218,  
183, 141) }
```

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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