

Converting Colors

`RYB(169, 218, 130)`

Have a look what the booklet for
RYB(169, 218, 130) contains.

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Color

R_YB(169, 218, 130)

Conversions

Conversions Part 1

Format	Color
Hex	DABF82
RGB	218, 191, 130
RGB Percent	85%, 75%, 51%
CMY	0.1451, 0.2511, 0.4902
CMYK	0.00, 0.12, 0.40, 0.15
HSL	42°, 54%, 68%
HSV	42°, 40%, 85%
XYZ	51.5684, 53.7684, 28.7795
YIQ	192.1190, 35.6730, -13.2470

Conversions

Conversions Part 2

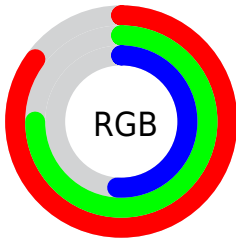
Format	Color
RYB	169, 218, 130
Decimal	14335874
CIELab	78.33, 1.22, 34.28
CIELCh	78, 34.301, 87.954
Yxy	53.7684, 0.3845, 0.4009
Android (android.graphics.Color)	4292525954 (0xFFDABF82)
YUV	192.1190, -30.6247, 22.6976
Hunter-Lab	73.3270, -2.7892, 28.0586

Details

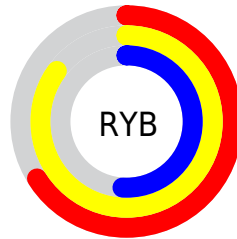
The RYB color **169, 218, 130** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **130, 151, 218**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **193, 255, 184**, and **114, 162, 80** is the 20% darker color. If you saturate the color by 10%, you get **157, 218, 108**, and if you desaturate by 10%, it is **181, 218, 152**.

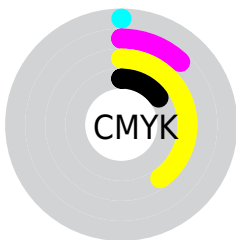
Distribution



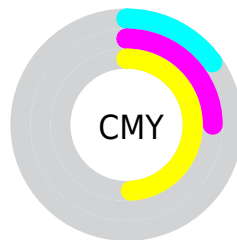
- Red (85%)
- Green (75%)
- Blue (51%)



- Red (66%)
- Yellow (85%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 218, 130 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 169, 218, 130 by changing the saturation by 10% instead.

 169, 218, 130

255, 255, 255

 193, 255, 184

 211, 255, 211

 240, 255, 240

 169, 218, 130

 139, 189, 104

 114, 162, 80

 87, 134, 56

 59, 108, 32

 30, 82, 8

 20, 58, 0

 14, 33, 0


 0, 0, 0

 169, 218, 130


 169, 218, 130

 157, 218, 108


 181, 218, 152

 143, 218, 86

 195, 218, 174

 133, 218, 65


 205, 218, 195

 121, 218, 43

 217, 218, 217

 107, 218, 21

 218, 223, 239

 97, 218, 0

 218, 228, 255

 218, 231, 255

 218, 234, 255

 218, 235, 255

Harmonies

Analogous

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



243, 204, 141



169, 218, 130



137, 201, 153

Triad

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



169, 218, 130



89, 153, 222



232, 176, 228

Complementary

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



169, 218, 130



130, 151, 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.



195, 186, 250



169, 218, 130



104, 164, 247

Square

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



169, 218, 130



111, 167, 211



148, 182, 255



253, 170, 197

Rectangle

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



169, 218, 130



150, 206, 196



148, 182, 255



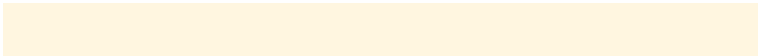
222, 179, 237

Sweetspot

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



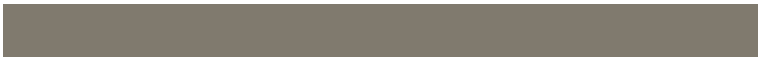
169, 218, 130



237, 255, 224



218, 130, 158



119, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



169, 218, 130



188, 255, 133



130, 218, 146



105, 110, 99



76, 173, 0



20, 46, 0

Inverse Universe

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



130, 151, 218



133, 161, 255



146, 130, 218



99, 101, 110



0, 41, 173



0, 11, 46

Previews

White Background



This preview shows how the RYB color 169, 218, 130 looks on a white background.

Color Contrast Check

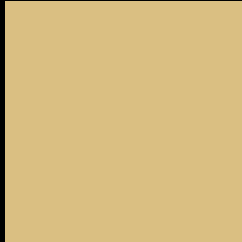
Large Text (above 18pt) WCAG AA × Fail

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 169, 218, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

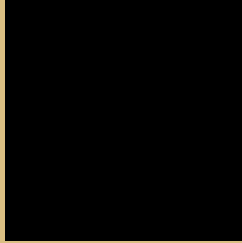
Any Text WCAG AA ✓ Pass

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 169, 218, 130 Background



This preview shows how black text looks on a background with the RYB color 169, 218, 130.



This preview shows how white text looks on a background with the RYB color 169, 218, 130.

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
169, 218, 130

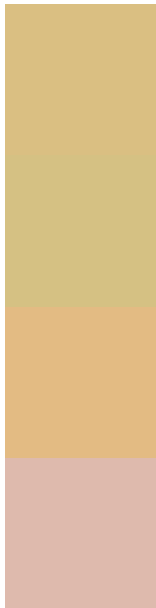
Protanopia
151, 210, 131

Deuteranopia
219, 232, 131



Tritanopia
225, 183, 197

Trichromacy



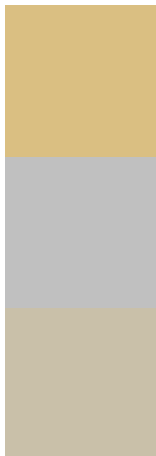
Original Color
169, 218, 130

Protanomaly
157, 213, 131

Deuteranomaly
200, 227, 131

Tritanomaly
222, 191, 173

Monochromacy



Original Color
169, 218, 130

Achromatopsia
192, 192, 192

Achromatomaly
182, 201, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 218, 130 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, 191, 130)` looks like.

```
.text, #text, p{  
    color:rgb(218, 191, 130)  
}
```

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, 191, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 191, 130) }
```

Border

The CSS property to change the border of an element to RYB 169, 218, 130 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, 191, 130) }
```

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

```
.border{ border-color:rgb(218, 191, 130) }
```

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

Here you see how a box with a 4 pixel rgb(218, 191, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 191, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 191, 130);  
box-shadow:4px 4px 4px 4px rgb(218, 191,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 169, 218, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 191, 130) }
```

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

```
.background{ background-color: rgb(218,  
191, 130) }
```

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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