

Converting Colors

`RYB(169, 212, 125)`

Have a look what the booklet for
RYB(169, 212, 125) contains.

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Color

$\text{RYB}(169, 212, 125)$

Conversions

Conversions Part 1

Format	Color
Hex	D4B77D
RGB	212, 183, 125
RGB Percent	83%, 72%, 49%
CMY	0.1686, 0.2832, 0.5098
CMYK	0.00, 0.14, 0.41, 0.17
HSL	40°, 50%, 66%
HSV	40°, 41%, 83%
XYZ	47.7409, 49.2534, 26.3927
YIQ	185.0590, 35.9020, -11.8900

Conversions

Conversions Part 2

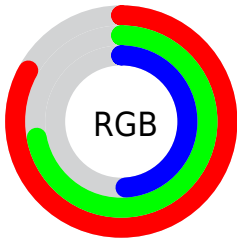
Format	Color
R _{YB}	169, 212, 125
Decimal	13940605
CIE Lab	75.61, 2.59, 33.24
CIE LCh	76, 33.345, 85.546
Yxy	49.2534, 0.3869, 0.3992
Android (android.graphics.Color)	4292130685 (0xFFD4B77D)
YUV	185.0590, -29.6091, 23.6273
Hunter-Lab	70.1808, -1.3907, 26.8295

Details

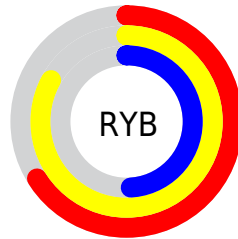
The RYB color **169, 212, 125** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **125, 147, 212**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **198, 255, 178**, and **113, 156, 75** is the 20% darker color. If you saturate the color by 10%, you get **158, 212, 104**, and if you desaturate by 10%, it is **179, 212, 146**.

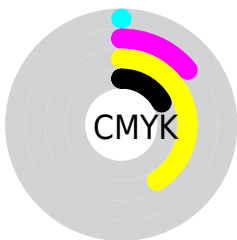
Distribution



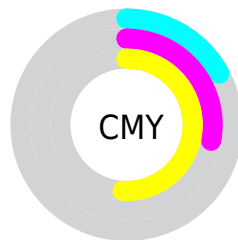
- Red (83%)
- Green (72%)
- Blue (49%)



- Red (66%)
- Yellow (83%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (17%)



- Cyan (17%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 212, 125 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, 212, 125 by changing the saturation by 10% instead.

 169, 212, 125

255, 255, 255

 198, 255, 178

 206, 255, 206


 234, 255, 234

 169, 212, 125

 142, 184, 100

 113, 156, 75

 86, 129, 51

 57, 102, 28

 30, 77, 4

 21, 52, 0

 21, 28, 0

 0, 0, 0

 169, 212, 125

 169, 212, 125

■ 158, 212, 104

■ 179, 212, 146

■ 148, 212, 83

■ 190, 212, 167

■ 138, 212, 61

■ 201, 212, 189

■ 128, 212, 40

■ 212, 212, 210

■ 117, 212, 19

■ 212, 217, 231

■ 107, 212, 0

■ 212, 222, 252

■ 212, 226, 255

■ 212, 229, 255

■ 212, 231, 255

Harmonies

Analogous

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



236, 191, 137



169, 212, 125



130, 192, 142

Triad

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



169, 212, 125



85, 146, 212



221, 170, 221

Complementary

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



169, 212, 125



125, 147, 212

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.



184, 180, 242



169, 212, 125



97, 156, 236

Square

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



169, 212, 125



109, 163, 203



138, 174, 247



243, 164, 192

Rectangle

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



169, 212, 125



142, 197, 182



138, 174, 247



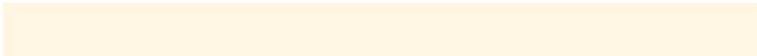
210, 173, 230

Sweetspot

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



169, 212, 125



239, 255, 224



212, 125, 155



119, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



169, 212, 125



193, 255, 130



125, 212, 138



100, 107, 96



88, 171, 0



21, 43, 0

Inverse Universe

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



125, 147, 212



130, 161, 255



138, 125, 212



96, 99, 107



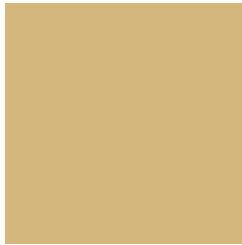
0, 43, 171



0, 11, 43

Previews

White Background



This preview shows how the RYB color 169, 212, 125 looks on a white background.

Color Contrast Check

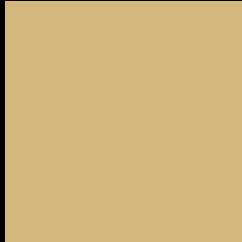
Large Text (above 18pt) WCAG AA × Fail

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, 212, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

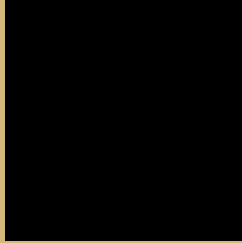
Any Text WCAG AA ✓ Pass

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, 212, 125 Background



This preview shows how black text looks on a background with the RYB color 169, 212, 125.



This preview shows how white text looks on a background with the RYB color 169, 212, 125.

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, 212, 125

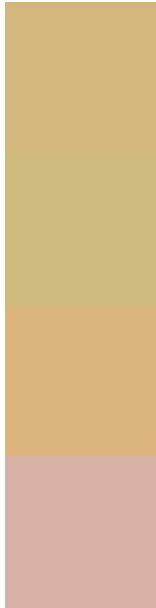
Protanopia
146, 202, 126

Deuteranopia
210, 223, 126



Tritanopia
219, 175, 188

Trichromacy



Original Color
169, 212, 125

Protanomaly
154, 206, 126

Deuteranomaly
193, 219, 126

Tritanomaly
216, 182, 165

Monochromacy



Original Color
169, 212, 125

Achromatopsia
185, 185, 185

Achromatomaly
180, 195, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 212, 125 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(212, 183, 125)` looks like.

```
.text, #text, p{  
    color:rgb(212, 183, 125)  
}
```

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(212, 183, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 183, 125) }
```

Border

The CSS property to change the border of an element to RYB 169, 212, 125 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(212, 183, 125) }
```

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

```
.border{ border-color:rgb(212, 183, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 183, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 183, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 183, 125); box-shadow:4px 4px 4px 4px rgb(212, 183, 125) }
```

Background

The CSS property to change the background color of an element to RYB 169, 212, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 183, 125) }
```

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

```
.background{ background-color: rgb(212,  
183, 125) }
```

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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