

Converting Colors

`RYB(124, 210, 165)`

Have a look what the booklet for
RYB(124, 210, 165) contains.

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Color

`RYB(124, 210, 165)`

Conversions

Conversions Part 1

Format	Color
Hex	A9D27C
RGB	169, 210, 124
RGB Percent	66%, 82%, 49%
CMY	0.3373, 0.1765, 0.5137
CMYK	0.20, 0.00, 0.41, 0.18
HSL	89°, 49%, 65%
HSV	89°, 41%, 82%
XYZ	43.0469, 55.9834, 27.6059
YIQ	187.9370, 3.1700, -35.4380

Conversions

Conversions Part 2

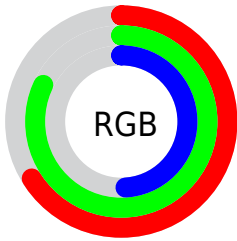
Format	Color
RYB	124, 210, 165
Decimal	11129468
CIELab	79.60, -28.11, 38.25
CIELCh	80, 47.471, 126.313
Yxy	55.9834, 0.3399, 0.4421
Android (android.graphics.Color)	4289319548 (0xFFA9D27C)
YUV	187.9370, -31.5209, -16.6077
Hunter-Lab	74.8221, -28.2435, 30.5002

Details

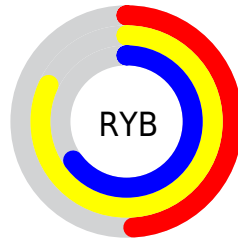
The RYB color **124, 210, 165** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **165, 124, 210**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **178, 255, 208**, and **73, 155, 113** is the 20% darker color. If you saturate the color by 10%, you get **103, 210, 154**, and if you desaturate by 10%, it is **145, 210, 176**.

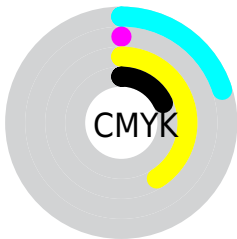
Distribution



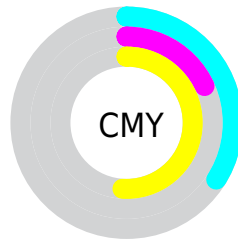
- Red (66%)
- Green (82%)
- Blue (49%)



- Red (49%)
- Yellow (82%)
- Blue (65%)



- Cyan (20%)
- Magenta (0%)
- Yellow (41%)
- Black (18%)



- Cyan (34%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 210, 165 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 124, 210, 165 by changing the saturation by 10% instead.

 124, 210, 165


255, 255, 255


 178, 255, 208

 206, 255, 206


 234, 255, 234

 124, 210, 165

 98, 182, 138

 73, 155, 113


 49, 129, 89

 24, 104, 64

 0, 79, 40

 0, 56, 43

 0, 35, 35

 0, 0, 0

 124, 210, 165

 124, 210, 165

 103, 210, 154

 145, 210, 176

 82, 210, 143

 166, 210, 187

 61, 210, 132

 187, 210, 198

 40, 210, 121

 208, 210, 209

 19, 210, 110

 219, 210, 229

 0, 210, 100

 229, 210, 250

 239, 210, 255

 249, 210, 255

 255, 210, 255

Harmonies

Analogous

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



130, 216, 108



124, 210, 165



112, 185, 218

Triad

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



124, 210, 165



41, 136, 255



255, 162, 189

Complementary

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



124, 210, 165



165, 124, 210

Split Complementary

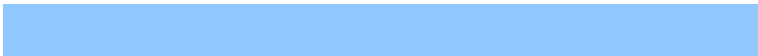
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 167, 234



124, 210, 165



145, 181, 255

Square

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



124, 210, 165



0, 116, 248



214, 182, 255



255, 173, 147

Rectangle

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



124, 210, 165



62, 149, 220



214, 182, 255



255, 162, 205

Sweetspot

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



124, 210, 165



224, 255, 239



210, 199, 124



110, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



124, 210, 165



130, 255, 190



124, 210, 207



94, 105, 99



0, 168, 80



0, 41, 20

Inverse Universe

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



165, 124, 210



190, 130, 255



207, 124, 210



99, 94, 105



80, 0, 168



19, 0, 41

Previews

White Background



This preview shows how the RYB color 124, 210, 165 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 124, 210, 165 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 124, 210, 165 Background



This preview shows how black text looks on a background with the RYB color 124, 210, 165.

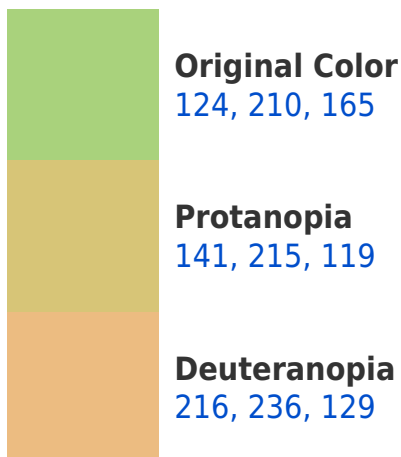



This preview shows how white text looks on a background with the RYB color 124, 210, 165.

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](#).

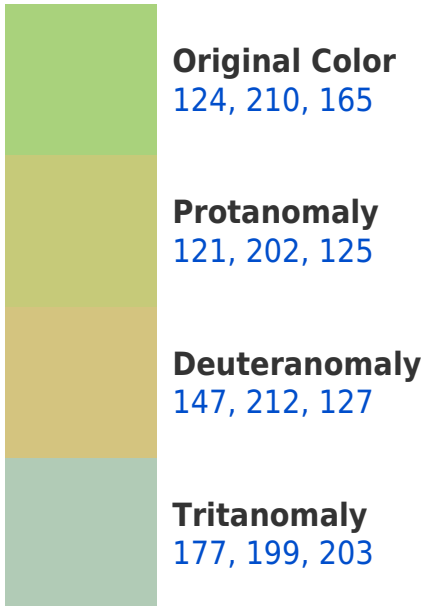
Dichromacy



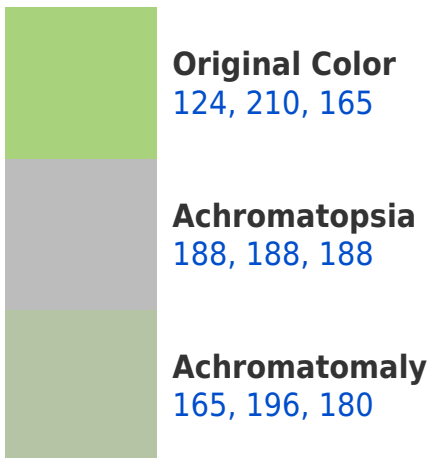


Tritanopia
182, 193, 215

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 210, 165 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(169, 210, 124) looks like.

```
.text, #text, p{  
    color:rgb(169, 210, 124)  
}
```

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(169, 210, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 210, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 210, 165 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(169, 210, 124) }
```

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

```
.border{ border-color:rgb(169, 210, 124) }
```

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

Here you see how a box with a 4 pixel rgb(169, 210, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 210, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 210, 124);  
box-shadow:4px 4px 4px 4px rgb(169, 210,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 210, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 210, 124) }
```

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

```
.background{ background-color: rgb(169,  
210, 124) }
```

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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