

Converting Colors

`RYB(124, 168, 124)`

Have a look what the booklet for
RYB(124, 168, 124) contains.

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Color

R_YB(124, 168, 124)

Conversions

Conversions Part 1

Format	Color
Hex	A8A87C
RGB	168, 168, 124
RGB Percent	66%, 66%, 49%
CMY	0.3412, 0.3412, 0.5137
CMYK	0.00, 0.00, 0.26, 0.34
HSL	60°, 20%, 57%
HSV	60°, 26%, 66%
XYZ	33.7892, 37.7853, 24.5812
YIQ	162.9840, 14.1240, -13.6840

Conversions

Conversions Part 2

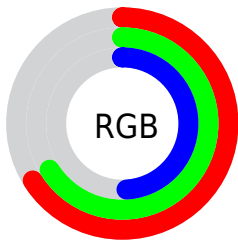
Format	Color
RYB	124, 168, 124
Decimal	11053180
CIELab	67.86, -7.27, 22.81
CIElCh	68, 23.941, 107.687
Yxy	37.7853, 0.3514, 0.3930
Android (android.graphics.Color)	4289243260 (0xFFA8A87C)
YUV	162.9840, -19.2191, 4.3990
Hunter-Lab	61.4698, -9.4529, 19.3193

Details

The RYB color **124, 168, 124** is a light color, and the websafe version is hex **999966**. A complement of this color would be **124, 124, 168**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **178, 224, 177**, and **75, 116, 76** is the 20% darker color. If you saturate the color by 10%, you get **107, 168, 107**, and if you desaturate by 10%, it is **141, 168, 141**.

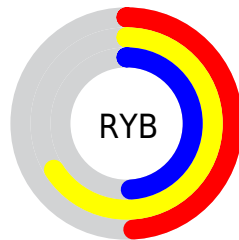
Distribution



Red (66%)

Green (66%)

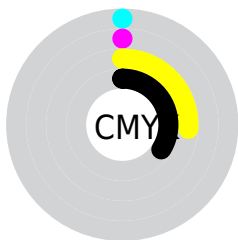
Blue (49%)



Red (49%)

Yellow (66%)

Blue (49%)

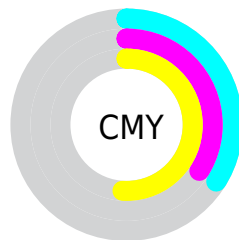


Cyan (0%)

Magenta (0%)

Yellow (26%)

Black (34%)



Cyan (34%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 168, 124 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, 168, 124 by changing the saturation by 10% instead.

 124, 168, 124


255, 255, 255


 178, 224, 177

 204, 252, 204

 233, 255, 233

 124, 168, 124

 99, 142, 100

 75, 116, 76

 52, 92, 54

 30, 68, 32


 6, 46, 8


 0, 26, 5

 0, 0, 0

 124, 168, 124

 107, 168, 107

 124, 168, 124

 141, 168, 141

■ 90, 168, 90

■ 158, 168, 158

■ 74, 168, 74

■ 168, 168, 174

■ 57, 168, 57

■ 168, 168, 191

■ 40, 168, 40

■ 168, 168, 208

■ 23, 168, 23

■ 168, 168, 225

■ 6, 168, 6

■ 168, 168, 242

■ 0, 168, 0

■ 168, 168, 255

Harmonies

Analogous

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



176, 190, 124



124, 168, 124



136, 174, 167

Triad

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



124, 168, 124



106, 145, 197



203, 151, 175

Complementary

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



124, 168, 124



124, 124, 168

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, 156, 195



124, 168, 124



127, 155, 207

Square

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



124, 168, 124



104, 141, 178



157, 162, 206



210, 150, 153

Rectangle

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



124, 168, 124



127, 161, 176



157, 162, 206



198, 152, 182

Sweetspot

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



124, 168, 124



202, 219, 202



168, 124, 124



99, 110, 99



237, 237, 237



110, 110, 110

Same Dimension

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



124, 168, 124



151, 219, 151



124, 168, 146



76, 84, 76



0, 148, 0



0, 20, 0

Inverse Universe

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



124, 124, 168



151, 151, 219



146, 124, 168



76, 76, 84



0, 0, 148



0, 0, 20

Previews

White Background



This preview shows how the RYB color 124, 168, 124 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, 168, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

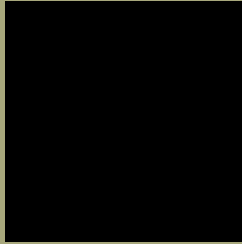
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

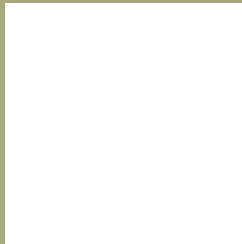
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 124, 168, 124 Background



This preview shows how black text looks on a background with the RYB color 124, 168, 124.



This preview shows how white text looks on a background with the RYB color 124, 168, 124.

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
124, 168, 124

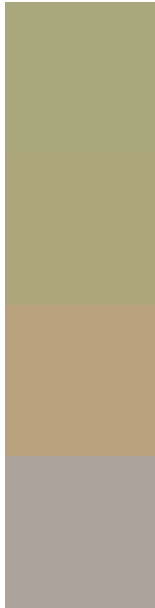
Protanopia
138, 177, 123

Deuteranopia
194, 190, 126



Tritanopia
174, 161, 174

Trichromacy



Original Color
124, 168, 124

Protanomaly
132, 174, 123

Deuteranomaly
162, 185, 125

Tritanomaly
172, 172, 156

Monochromacy



Original Color
124, 168, 124

Achromatopsia
163, 163, 163

Achromatomaly
149, 165, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 168, 124 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(168, 168, 124) looks like.

```
.text, #text, p{  
    color:rgb(168, 168, 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(168, 168, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 168, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 168, 124 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(168, 168, 124) }
```

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

```
.border{ border-color:rgb(168, 168, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 168, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 168, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 168, 124);  
box-shadow:4px 4px 4px 4px rgb(168, 168,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 168, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 168, 124) }
```

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

```
.background{ background-color: rgb(168,  
168, 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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