

Converting Colors

RGB(124, 168, 121)

Have a look what the booklet for
RGB(124, 168, 121) contains.

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Color

RGB(124, 168, 121)

Conversions

Conversions Part 1	
Format	Color
Hex	7CA879
RGB	124, 168, 121
RGB Percent	49%, 66%, 47%
CMY	0.5137, 0.3412, 0.5255
CMYK	0.26, 0.00, 0.28, 0.34
HSL	116°, 21%, 57%
HSV	116°, 28%, 66%
XYZ	25.7660, 33.6708, 23.2303
YIQ	149.4860, -11.1370, -23.9450

Conversions

Conversions Part 2

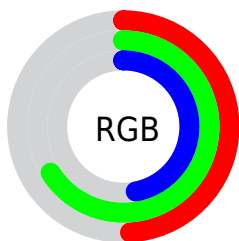
Format	Color
RYB	121, 168, 165
Decimal	8169593
CIELab	64.70, -24.25, 19.63
CIELCh	65, 31.199, 141.007
Yxy	33.6708, 0.3117, 0.4073
Android (android.graphics.Color)	4286359673 (0xFF7CA879)
YUV	149.4860, -14.0436, -22.3512
Hunter-Lab	58.0266, -22.2857, 16.8825

Details

The RGB color **124, 168, 121** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **165, 121, 168**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **177, 223, 174**, and **74, 116, 72** is the 20% darker color. If you saturate the color by 10%, you get **108, 168, 104**, and if you desaturate by 10%, it is **140, 168, 138**.

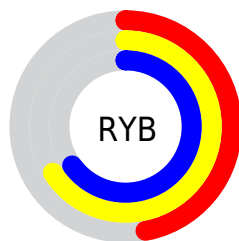
Distribution



Red (49%)

Green (66%)

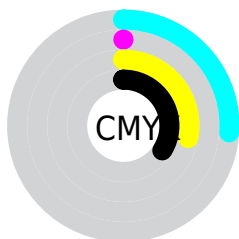
Blue (47%)



Red (47%)

Yellow (66%)

Blue (65%)

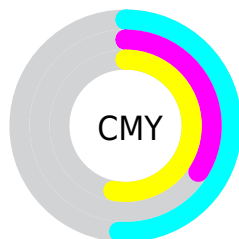


Cyan (26%)

Magenta (0%)

Yellow (28%)

Black (34%)



Cyan (51%)


Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 168, 121 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 RGB color 124, 168, 121 by changing the saturation by 10% instead.

 124, 168, 121


255, 255, 255

 177, 223, 174

 205, 252, 201

 234, 255, 229

 124, 168, 121

 98, 141, 96

 74, 116, 72


 49, 91, 49

 25, 67, 27

 2, 44, 3


 0, 25, 0

 0, 0, 0

 124, 168, 121

 108, 168, 104


 124, 168, 121


 140, 168, 138

 93, 168, 87

 155, 168, 155


 77, 168, 71


 171, 168, 171


 61, 168, 54


 187, 168, 188

 45, 168, 37


 203, 168, 205


 30, 168, 20


 218, 168, 222

 14, 168, 3

 234, 168, 239

 11, 168, 0

 250, 168, 255

 255, 168, 255

Harmonies

Analogous

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



156, 161, 104



124, 168, 121



90, 172, 147

Triad

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



124, 168, 121



106, 162, 211



212, 137, 138

Complementary

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



124, 168, 121



165, 121, 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.



206, 137, 167



124, 168, 121



149, 153, 209

Square

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



124, 168, 121



68, 169, 199



184, 143, 192



204, 143, 115

Rectangle

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



124, 168, 121



70, 172, 167



184, 143, 192



212, 136, 148

Sweetspot

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



124, 168, 121



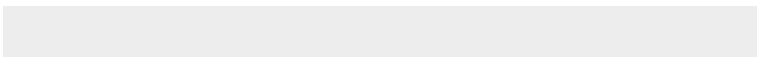
203, 219, 202



168, 165, 121



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, 121



149, 219, 145



121, 168, 141



76, 84, 76



9, 148, 0



1, 20, 0

Inverse Universe

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



165, 121, 168



215, 145, 219



168, 121, 148



84, 76, 84



138, 0, 148



19, 0, 20

Previews

White Background



This preview shows how the RGB color 124, 168, 121 looks on a white background.

Color Contrast Check

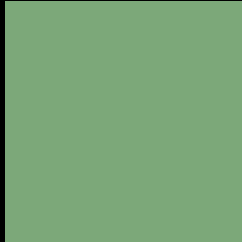
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 124, 168, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

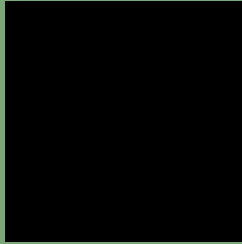
Any Text WCAG AA ✓ Pass

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](#).

RGB 124, 168, 121 Background



This preview shows how black text looks on a background with the RGB color 124, 168, 121.



This preview shows how white text looks on a background with the RGB color 124, 168, 121.

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, 121

Protanopia

168, 156, 116

Deuteranopia





182, 150, 125




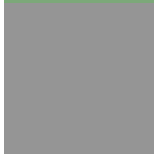
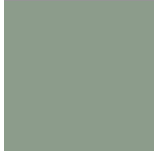
Tritanopia

133, 161, 174

Trichromacy

	Original Color 124, 168, 121
	Protanomaly 152, 160, 118
	Deuteranomaly 161, 157, 124
	Tritanomaly 130, 164, 155

Monochromacy

	Original Color 124, 168, 121
	Achromatopsia 149, 149, 149
	Achromatomaly 140, 156, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 168, 121 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(124, 168, 121)` looks like.

```
.text, #text, p{  
    color:rgb(124, 168, 121)  
}
```

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(124, 168, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 168, 121) }
```

Border

The CSS property to change the border of an element to RGB 124, 168, 121 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(124, 168, 121) }
```

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

```
.border{ border-color:rgb(124, 168, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 168, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 168, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 168, 121);  
box-shadow:4px 4px 4px 4px rgb(124, 168,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 124, 168, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 168, 121) }
```

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

```
.background{ background-color: rgb(124,  
168, 121) }
```

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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