

Converting Colors

RGB(124, 199, 149)

Have a look what the booklet for
RGB(124, 199, 149) contains.

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Color

RGB(124, 199, 149)

Conversions

Conversions Part 1

Format	Color
Hex	7CC795
RGB	124, 199, 149
RGB Percent	49%, 78%, 58%
CMY	0.5137, 0.2196, 0.4157
CMYK	0.38, 0.00, 0.25, 0.22
HSL	140°, 40%, 63%
HSV	140°, 38%, 78%
XYZ	34.1604, 47.3019, 35.7635
YIQ	170.8750, -28.6500, -31.4500

Conversions

Conversions Part 2

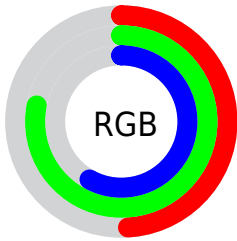
Format	Color
RYB	124, 180, 199
Decimal	8177557
CIELab	74.38, -34.09, 17.84
CIELCh	74, 38.472, 152.375
Yxy	47.3019, 0.2914, 0.4035
Android (android.graphics.Color)	4286367637 (0xFF7CC795)
YUV	170.8750, -10.7844, -41.1094
Hunter-Lab	68.7763, -31.6997, 17.3128

Details

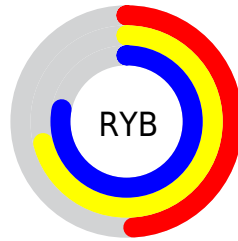
The RGB color **124, 199, 149** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **199, 124, 174**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **179, 255, 203**, and **71, 145, 98** is the 20% darker color. If you saturate the color by 10%, you get **104, 199, 136**, and if you desaturate by 10%, it is **144, 199, 162**.

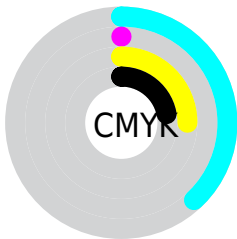
Distribution



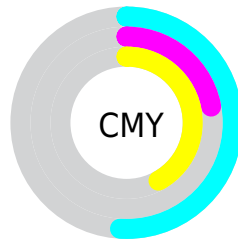
- Red (49%)
- Green (78%)
- Blue (58%)



- Red (49%)
- Yellow (71%)
- Blue (78%)



- Cyan (38%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 199, 149 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, 199, 149 by changing the saturation by 10% instead.


 124, 199, 149


255, 255, 255

 179, 255, 203


 207, 255, 231


 236, 255, 255

 124, 199, 149

 97, 171, 123

 71, 145, 98

 44, 119, 74


 10, 93, 51

 0, 69, 29


 0, 46, 6

 0, 24, 0


 0, 0, 0


 124, 199, 149


 124, 199, 149

 104, 199, 136

 144, 199, 162

 84, 199, 122

 164, 199, 176

 64, 199, 109


 184, 199, 189

 44, 199, 96


 204, 199, 202

 25, 199, 83

 224, 199, 215

 5, 199, 69

 243, 199, 229

 0, 199, 66

 255, 199, 242

 255, 199, 255

Harmonies

Analogous

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



166, 192, 122



124, 199, 149



77, 202, 185

Triad

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



124, 199, 149



137, 185, 253



250, 159, 147

Complementary

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



124, 199, 149



199, 124, 174

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.



250, 156, 181



124, 199, 149



191, 173, 243

Square

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



124, 199, 149



77, 195, 245



230, 161, 216



233, 169, 121

Rectangle

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



124, 199, 149



48, 202, 209



230, 161, 216



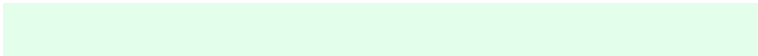
252, 157, 158

Sweetspot

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



124, 199, 149



227, 255, 236



174, 199, 124



111, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



124, 199, 149



140, 255, 179



124, 199, 187



90, 99, 93



0, 163, 54



0, 36, 12

Inverse Universe

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



199, 124, 174



255, 140, 217



199, 124, 137



99, 90, 96



163, 0, 109



36, 0, 24

Previews

White Background



This preview shows how the RGB color 124, 199, 149 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, 199, 149 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, 199, 149 Background



This preview shows how black text looks on a background with the RGB color 124, 199, 149.



This preview shows how white text looks on a background with the RGB color 124, 199, 149.

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](#).

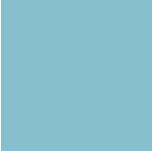
Dichromacy



Original Color
124, 199, 149

Protanopia
194, 182, 141

Deuteranopia
209, 175, 154



Tritanopia
136, 191, 207

Trichromacy



Original Color

124, 199, 149



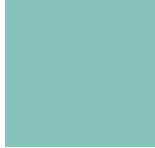
Protanomaly

169, 188, 144



Deuteranomaly

178, 184, 152



Tritanomaly

132, 194, 186

Monochromacy



Original Color

124, 199, 149



Achromatopsia

171, 171, 171



Achromatomaly

154, 181, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 199, 149 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, 199, 149)` looks like.

```
.text, #text, p{  
    color:rgb(124, 199, 149)  
}
```

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, 199, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 199, 149) }
```

Border

The CSS property to change the border of an element to RGB 124, 199, 149 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, 199, 149) }
```

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

```
.border{ border-color:rgb(124, 199, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 199, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 199, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 199, 149);  
box-shadow:4px 4px 4px 4px rgb(124, 199,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 124, 199, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 199, 149) }
```

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

```
.background{ background-color: rgb(124,  
199, 149) }
```

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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