

Converting Colors

RGB(124, 226, 158)

Have a look what the booklet for
RGB(124, 226, 158) contains.

RGB(124, 226, 158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(124, 226, 158)

Conversions

Conversions Part 1

Format	Color
Hex	7CE29E
RGB	124, 226, 158
RGB Percent	49%, 89%, 62%
CMY	0.5137, 0.1137, 0.3804
CMYK	0.45, 0.00, 0.30, 0.11
HSL	140°, 64%, 69%
HSV	140°, 45%, 89%
XYZ	41.6801, 61.1464, 41.9534
YIQ	187.7500, -38.9640, -42.7720

Conversions

Conversions Part 2

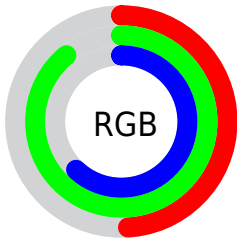
Format	Color
RYB	124, 201, 226
Decimal	8184478
CIELab	82.46, -44.52, 24.22
CIELCh	82, 50.679, 151.451
Yxy	61.1464, 0.2879, 0.4223
Android (android.graphics.Color)	4286374558 (0xFF7CE29E)
YUV	187.7500, -14.6668, -55.9087
Hunter-Lab	78.1962, -41.6993, 22.9273

Details

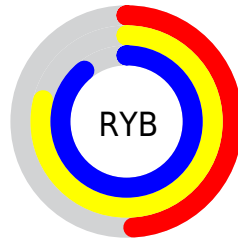
The RGB color **124, 226, 158** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **226, 124, 192**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **181, 255, 213**, and **67, 170, 106** is the 20% darker color. If you saturate the color by 10%, you get **101, 226, 143**, and if you desaturate by 10%, it is **147, 226, 173**.

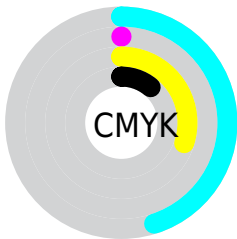
Distribution



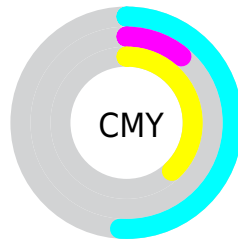
- Red (49%)
- Green (89%)
- Blue (62%)



- Red (49%)
- Yellow (79%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 226, 158 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, 226, 158 by changing the saturation by 10% instead.

 124, 226, 158


255, 255, 255


 181, 255, 213


 210, 255, 241


 239, 255, 255


 124, 226, 158

 96, 198, 132

 67, 170, 106

 34, 143, 82

 0, 117, 58

 0, 91, 35

 0, 67, 13


 0, 44, 0

 0, 16, 0

 0, 0, 0

 124, 226, 158

 124, 226, 158

 101, 226, 143

 147, 226, 173

 79, 226, 128


 169, 226, 188

 56, 226, 113

 192, 226, 203

 34, 226, 98

 214, 226, 218

 11, 226, 83

 237, 226, 233

 0, 226, 75

 255, 226, 248

 255, 226, 255

Harmonies

Analogous

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



183, 217, 122



124, 226, 158



19, 230, 206

Triad

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



124, 226, 158



133, 209, 255



255, 172, 158

Complementary

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



124, 226, 158



226, 124, 192

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, 205



124, 226, 158



213, 192, 255

Square

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



124, 226, 158



0, 222, 255



255, 175, 251



255, 186, 122

Rectangle

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



124, 226, 158



0, 230, 238



255, 175, 251



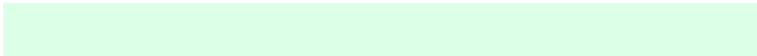
255, 168, 173

Sweetspot

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



124, 226, 158



219, 255, 231



192, 226, 124



106, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



124, 226, 158



117, 255, 163



124, 226, 209



101, 112, 105



0, 176, 59



0, 48, 16

Inverse Universe

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



226, 124, 192



255, 117, 209



226, 124, 141



112, 101, 108



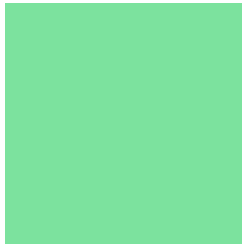
176, 0, 117



48, 0, 32

Previews

White Background



This preview shows how the RGB color 124, 226, 158 looks on a white background.

Color Contrast Check

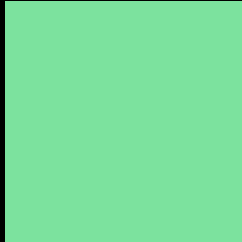
Large Text (above 18pt) WCAG AA × Fail

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, 226, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

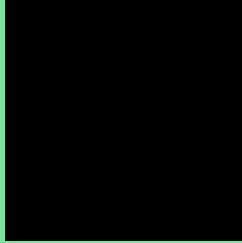
Any Text WCAG AA ✓ Pass

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, 226, 158 Background



This preview shows how black text looks on a background with the RGB color 124, 226, 158.

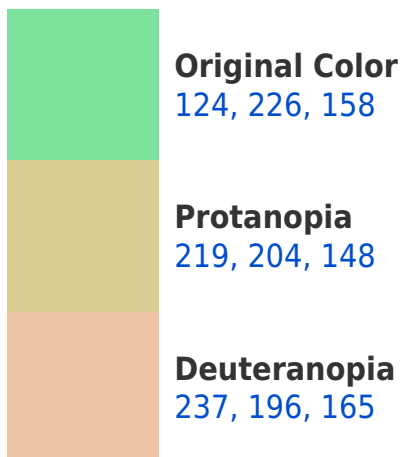


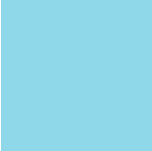
This preview shows how white text looks on a background with the RGB color 124, 226, 158.

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
142, 216, 234

Trichromacy



Original Color

124, 226, 158



Protanomaly

184, 212, 152



Deuteranomaly

196, 207, 162



Tritanomaly

135, 220, 206

Monochromacy



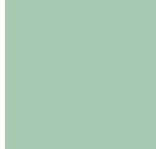
Original Color

124, 226, 158



Achromatopsia

188, 188, 188



Achromatomaly

165, 202, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 226, 158 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, 226, 158)` looks like.

```
.text, #text, p{  
    color:rgb(124, 226, 158)  
}
```

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, 226, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 226, 158) }
```

Border

The CSS property to change the border of an element to RGB 124, 226, 158 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, 226, 158) }
```

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

```
.border{ border-color:rgb(124, 226, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 226, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 226, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 226, 158);  
box-shadow:4px 4px 4px 4px rgb(124, 226,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 124, 226, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 226, 158) }
```

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

```
.background{ background-color: rgb(124,  
226, 158) }
```

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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