

Converting Colors

RGB(124, 226, 161)

Have a look what the booklet for
RGB(124, 226, 161) contains.

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Color

RGB(124, 226, 161)

Conversions

Conversions Part 1

Format	Color
Hex	7CE2A1
RGB	124, 226, 161
RGB Percent	49%, 89%, 63%
CMY	0.5137, 0.1137, 0.3686
CMYK	0.45, 0.00, 0.29, 0.11
HSL	142°, 64%, 69%
HSV	142°, 45%, 89%
XYZ	41.9416, 61.2510, 43.3303
YIQ	188.0920, -39.9270, -41.8390

Conversions

Conversions Part 2

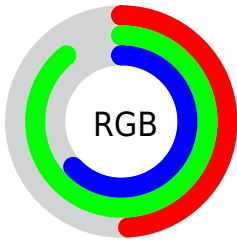
Format	Color
RYB	124, 199, 226
Decimal	8184481
CIELab	82.51, -43.97, 22.74
CIElCh	83, 49.499, 152.650
Yxy	61.2510, 0.2862, 0.4180
Android (android.graphics.Color)	4286374561 (0xFF7CE2A1)
YUV	188.0920, -13.3564, -56.2087
Hunter-Lab	78.2630, -41.3012, 21.9582

Details

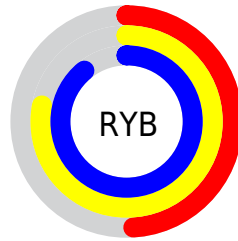
The RGB color **124, 226, 161** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **226, 124, 189**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **181, 255, 216**, and **67, 170, 109** is the 20% darker color. If you saturate the color by 10%, you get **101, 226, 147**, and if you desaturate by 10%, it is **147, 226, 175**.

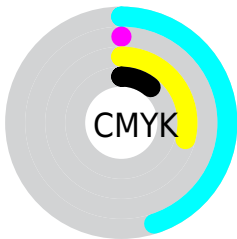
Distribution



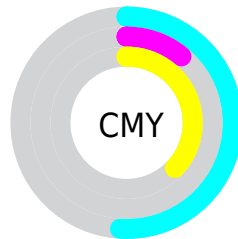
- Red (49%)
- Green (89%)
- Blue (63%)



- Red (49%)
- Yellow (78%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 226, 161 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, 161 by changing the saturation by 10% instead.

 124, 226, 161


255, 255, 255


 181, 255, 216


 210, 255, 245


 239, 255, 255

 124, 226, 161

 96, 198, 135

 67, 170, 109

 34, 143, 84

 0, 117, 61

 0, 91, 38

 0, 67, 16


 0, 44, 0

 0, 16, 0

 0, 0, 0

 124, 226, 161

 124, 226, 161

 101, 226, 147


 147, 226, 175

 79, 226, 132


 169, 226, 190

 56, 226, 118

 192, 226, 204

 34, 226, 103

 214, 226, 219

 11, 226, 89

 237, 226, 233

 0, 226, 82

 255, 226, 247

 255, 226, 255

Harmonies

Analogous

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



182, 217, 125



124, 226, 161



31, 230, 208

Triad

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



124, 226, 161



139, 209, 255



255, 173, 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, 161



226, 124, 189

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, 168, 203



124, 226, 161



215, 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, 161



0, 221, 255



255, 175, 249



255, 188, 124

Rectangle

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



124, 226, 161



0, 229, 240



255, 175, 249



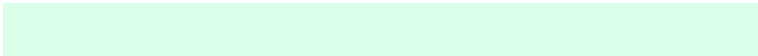
255, 170, 172

Sweetspot

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



124, 226, 161



219, 255, 232



190, 226, 124



106, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



124, 226, 161



117, 255, 167



124, 226, 211



101, 112, 105



0, 176, 64



0, 48, 18

Inverse Universe

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



226, 124, 189



255, 117, 205



226, 124, 139



112, 101, 108



176, 0, 112



48, 0, 31

Previews

White Background



This preview shows how the RGB color 124, 226, 161 looks on a white background.

Color Contrast Check

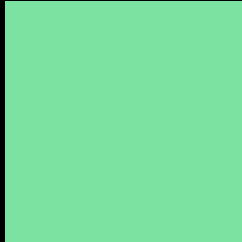
Large Text (above 18pt) WCAG AA × Fail

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, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

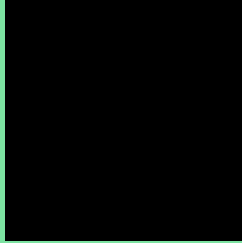
Any Text WCAG AA ✓ Pass

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, 161 Background



This preview shows how black text looks on a background with the RGB color 124, 226, 161.

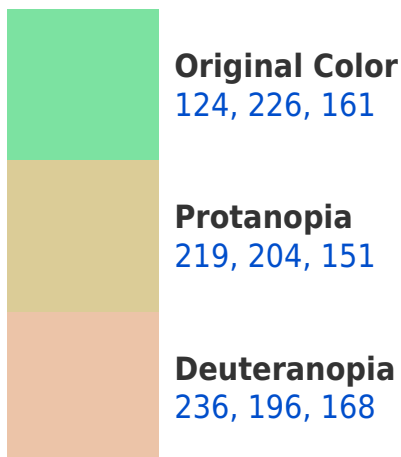


This preview shows how white text looks on a background with the RGB color 124, 226, 161.

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
141, 217, 234

Trichromacy



Original Color

124, 226, 161



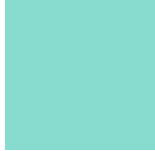
Protanomaly

184, 212, 155



Deuteranomaly

195, 207, 165



Tritanomaly

135, 220, 207

Monochromacy



Original Color

124, 226, 161



Achromatopsia

188, 188, 188



Achromatomaly

165, 202, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 226, 161 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(124, 226, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 226, 161) }
```

Border

The CSS property to change the border of an element to RGB 124, 226, 161 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, 161) }
```

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

```
.border{ border-color:rgb(124, 226, 161) }
```

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, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 226, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 226, 161);  
box-shadow:4px 4px 4px 4px rgb(124, 226,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 124, 226, 161 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, 161) }
```

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

```
.background{ background-color: rgb(124,  
226, 161) }
```

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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