

Converting Colors

RGB(122, 220, 132)

Have a look what the booklet for
RGB(122, 220, 132) contains.

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Color

RGB(122, 220, 132)

Conversions

Conversions Part 1

Format	Color
Hex	7ADC84
RGB	122, 220, 132
RGB Percent	48%, 86%, 52%
CMY	0.5216, 0.1373, 0.4824
CMYK	0.45, 0.00, 0.40, 0.14
HSL	126°, 58%, 67%
HSV	126°, 45%, 86%
XYZ	37.7841, 56.9899, 30.8385
YIQ	180.6660, -30.1600, -48.1440

Conversions

Conversions Part 2

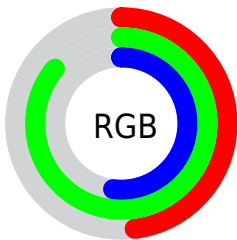
Format	Color
RYB	122, 211, 220
Decimal	8051844
CIELab	80.17, -46.90, 34.47
CIELCh	80, 58.206, 143.682
Yxy	56.9899, 0.3008, 0.4537
Android (android.graphics.Color)	4286241924 (0xFF7ADC84)
YUV	180.6660, -23.9923, -51.4501
Hunter-Lab	75.4917, -42.7699, 28.6241

Details

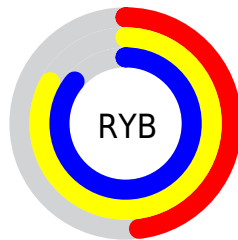
The RGB color **122, 220, 132** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **220, 122, 210**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **179, 255, 186**, and **65, 164, 81** is the 20% darker color. If you saturate the color by 10%, you get **100, 220, 112**, and if you desaturate by 10%, it is **144, 220, 152**.

Distribution



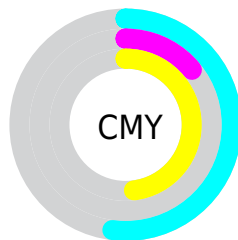
- Red (48%)
- Green (86%)
- Blue (52%)



- Red (48%)
- Yellow (83%)
- Blue (86%)



- Cyan (45%)
- Magenta (0%)
- Yellow (40%)
- Black (14%)



- Cyan (52%)
- Magenta (14%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 220, 132 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 122, 220, 132 by changing the saturation by 10% instead.

 122, 220, 132


255, 255, 255

 179, 255, 186


 208, 255, 214


 237, 255, 243

 122, 220, 132

 94, 192, 106

 65, 164, 81

 31, 137, 57

 0, 111, 33

 0, 86, 6

 0, 61, 0

 0, 40, 0

 0, 1, 0

 0, 0, 0

 122, 220, 132

 122, 220, 132

 100, 220, 112

 144, 220, 152

 78, 220, 92

 166, 220, 172

 56, 220, 73

 188, 220, 191

 34, 220, 53

 210, 220, 211

 12, 220, 33

 232, 220, 231

 0, 220, 22

 254, 220, 251

 255, 220, 255

Harmonies

Analogous

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



188, 209, 95



122, 220, 132



0, 226, 185

Triad

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



122, 220, 132



56, 208, 255



255, 156, 158

Complementary

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



122, 220, 132



220, 122, 210

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, 154, 213



122, 220, 132



184, 189, 255

Square

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



122, 220, 132



0, 220, 255



255, 168, 255



255, 172, 113

Rectangle

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



122, 220, 132



0, 226, 223



255, 168, 255



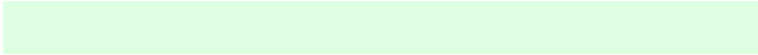
255, 153, 176

Sweetspot

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



122, 220, 132



222, 255, 225



210, 220, 122



107, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



122, 220, 132



120, 255, 134



122, 220, 181



99, 110, 100



0, 173, 18



0, 46, 5

Inverse Universe

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



220, 122, 210



255, 120, 241



220, 122, 161



110, 99, 109



173, 0, 156



46, 0, 41

Previews

White Background



This preview shows how the RGB color 122, 220, 132 looks on a white background.

Color Contrast Check

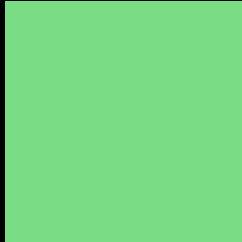
Large Text (above 18pt) WCAG AA × Fail

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 122, 220, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

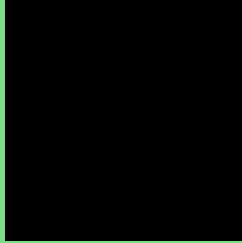
Any Text WCAG AA ✓ Pass

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 122, 220, 132 Background



This preview shows how black text looks on a background with the RGB color 122, 220, 132.

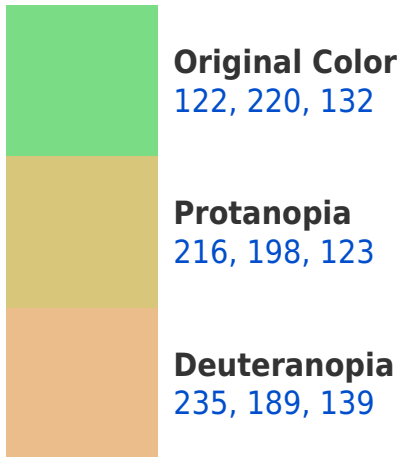


This preview shows how white text looks on a background with the RGB color 122, 220, 132.

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, 209, 226

Trichromacy



Original Color

122, 220, 132



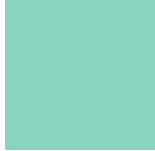
Protanomaly

182, 206, 126



Deuteranomaly

194, 200, 136



Tritanomaly

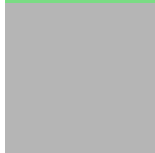
135, 213, 192

Monochromacy



Original Color

122, 220, 132



Achromatopsia

181, 181, 181



Achromatomaly

160, 195, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 220, 132 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(122, 220, 132)` looks like.

```
.text, #text, p{  
    color:rgb(122, 220, 132)  
}
```

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(122, 220, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 220, 132) }
```

Border

The CSS property to change the border of an element to RGB 122, 220, 132 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(122, 220, 132) }
```

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

```
.border{ border-color:rgb(122, 220, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 220, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 220, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 220, 132);  
box-shadow:4px 4px 4px 4px rgb(122, 220,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 122, 220, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 220, 132) }
```

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

```
.background{ background-color: rgb(122,  
220, 132) }
```

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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