

Converting Colors

RGB(122, 240, 129)

Have a look what the booklet for
RGB(122, 240, 129) contains.

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Color

RGB(122, 240, 129)

Conversions

Conversions Part 1

Format	Color
Hex	7AF081
RGB	122, 240, 129
RGB Percent	48%, 94%, 51%
CMY	0.5216, 0.0588, 0.4941
CMYK	0.49, 0.00, 0.46, 0.06
HSL	124°, 80%, 71%
HSV	124°, 49%, 94%
XYZ	43.1486, 68.0427, 31.6283
YIQ	192.0640, -34.6970, -59.5370

Conversions

Conversions Part 2

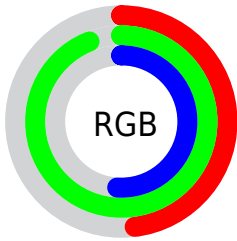
Format	Color
RYB	122, 233, 240
Decimal	8056961
CIELab	86.03, -55.50, 43.45
CIElCh	86, 70.486, 141.938
Yxy	68.0427, 0.3021, 0.4764
Android (android.graphics.Color)	4286247041 (0xFF7AF081)
YUV	192.0640, -31.0906, -61.4461
Hunter-Lab	82.4880, -50.9826, 35.0081

Details

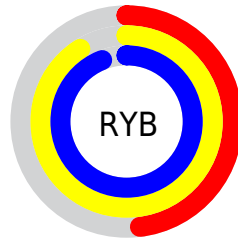
The RGB color **122, 240, 129** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **240, 122, 233**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **181, 255, 183**, and **60, 183, 77** is the 20% darker color. If you saturate the color by 10%, you get **98, 240, 106**, and if you desaturate by 10%, it is **146, 240, 152**.

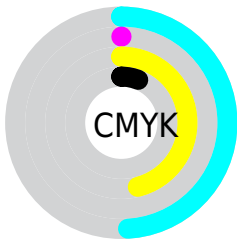
Distribution



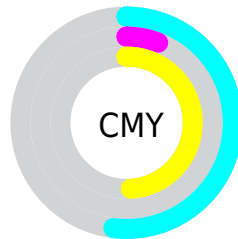
- Red (48%)
- Green (94%)
- Blue (51%)



- Red (48%)
- Yellow (91%)
- Blue (94%)



- Cyan (49%)
- Magenta (0%)
- Yellow (46%)
- Black (6%)



- Cyan (52%)
- Magenta (6%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 240, 129 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, 240, 129 by changing the saturation by 10% instead.

 122, 240, 129

255, 255, 255


 181, 255, 183


 210, 255, 212


 240, 255, 240

 122, 240, 129


 92, 211, 103

 60, 183, 77

 15, 155, 52

 0, 129, 25

 0, 103, 0

 0, 77, 0

 0, 54, 0

 0, 29, 0

 0, 0, 0

 122, 240, 129

 122, 240, 129

 98, 240, 106

 146, 240, 152

 74, 240, 84

 170, 240, 174

 50, 240, 61

 194, 240, 197

 26, 240, 39

 218, 240, 219

 2, 240, 16

 242, 240, 242

 0, 240, 14

 255, 240, 255

Harmonies

Analogous

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



204, 226, 82



122, 240, 129



0, 247, 194

Triad

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



122, 240, 129



0, 228, 255



255, 159, 169

Complementary

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



122, 240, 129



240, 122, 233

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, 157, 236



122, 240, 129



187, 205, 255

Square

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



122, 240, 129



0, 242, 255



255, 177, 255



255, 180, 111

Rectangle

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



122, 240, 129



0, 248, 241



255, 177, 255



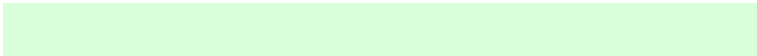
255, 155, 191

Sweetspot

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



122, 240, 129



217, 255, 219



234, 240, 122



105, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



122, 240, 129



105, 255, 113



122, 240, 187



108, 120, 109



0, 184, 11



0, 56, 3

Inverse Universe

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



240, 122, 233



255, 105, 246



240, 122, 175



120, 108, 119



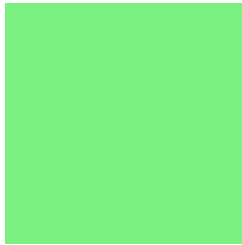
184, 0, 173



56, 0, 53

Previews

White Background



This preview shows how the RGB color 122, 240, 129 looks on a white background.

Color Contrast Check

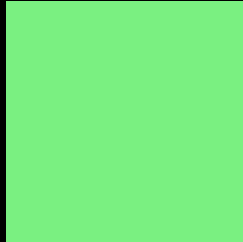
Large Text (above 18pt) WCAG AA × Fail

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, 240, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

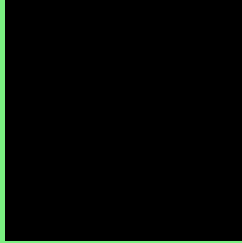
Any Text WCAG AA ✓ Pass

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, 240, 129 Background



This preview shows how black text looks on a background with the RGB color 122, 240, 129.

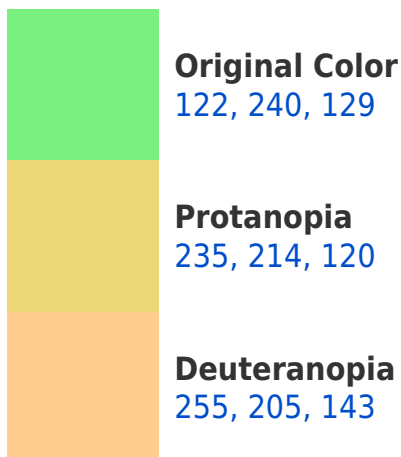


This preview shows how white text looks on a background with the RGB color 122, 240, 129.

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





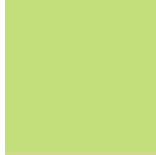
Tritanopia
147, 227, 245

Trichromacy



Original Color

122, 240, 129



Protanomaly

194, 223, 123



Deuteranomaly

207, 218, 138



Tritanomaly

138, 232, 203

Monochromacy



Original Color

122, 240, 129



Achromatopsia

192, 192, 192



Achromatomaly

167, 209, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 240, 129 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, 240, 129)` looks like.

```
.text, #text, p{  
    color:rgb(122, 240, 129)  
}
```

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, 240, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 240, 129) }
```

Border

The CSS property to change the border of an element to RGB 122, 240, 129 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, 240, 129) }
```

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

```
.border{ border-color:rgb(122, 240, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 240, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 240, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 240, 129);  
box-shadow:4px 4px 4px 4px rgb(122, 240,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 122, 240, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 240, 129) }
```

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

```
.background{ background-color: rgb(122,  
240, 129) }
```

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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