

Converting Colors

RGB(128, 217, 149)

Have a look what the booklet for
RGB(128, 217, 149) contains.

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Color

RGB(128, 217, 149)

Conversions

Conversions Part 1

Format	Color
Hex	80D995
RGB	128, 217, 149
RGB Percent	50%, 85%, 58%
CMY	0.4980, 0.1490, 0.4157
CMYK	0.41, 0.00, 0.31, 0.15
HSL	134°, 54%, 68%
HSV	134°, 41%, 85%
XYZ	39.1398, 56.3848, 37.2542
YIQ	182.6370, -31.2160, -40.0160

Conversions

Conversions Part 2

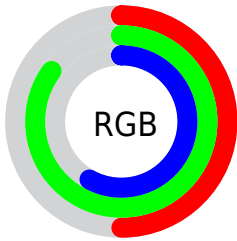
Format	Color
RYB	128, 200, 217
Decimal	8444309
CIELab	79.83, -41.08, 25.34
CIELCh	80, 48.270, 148.329
Yxy	56.3848, 0.2948, 0.4247
Android (android.graphics.Color)	4286634389 (0xFF80D995)
YUV	182.6370, -16.5830, -47.9166
Hunter-Lab	75.0898, -38.3660, 23.1474

Details

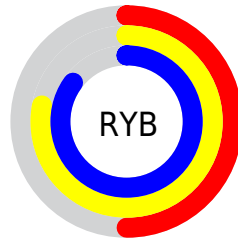
The RGB color **128, 217, 149** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **217, 128, 196**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **184, 255, 203**, and **73, 161, 98** is the 20% darker color. If you saturate the color by 10%, you get **106, 217, 132**, and if you desaturate by 10%, it is **150, 217, 166**.

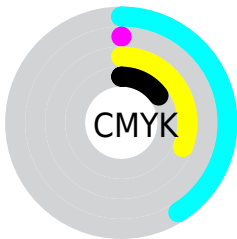
Distribution



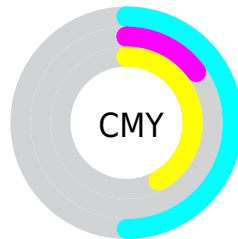
- Red (50%)
- Green (85%)
- Blue (58%)



- Red (50%)
- Yellow (78%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (31%)
- Black (15%)



- Cyan (50%)
- Magenta (15%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 217, 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 128, 217, 149 by changing the saturation by 10% instead.

 128, 217, 149

255, 255, 255


 184, 255, 203


 213, 255, 232


 242, 255, 255

 128, 217, 149

 100, 189, 123

 73, 161, 98

 44, 135, 73

 1, 109, 50

 0, 84, 28

 0, 60, 4

 0, 39, 0

 0, 0, 0


 128, 217, 149

 128, 217, 149

 106, 217, 132


 150, 217, 166

 85, 217, 116

 171, 217, 182

 63, 217, 99

 193, 217, 199

 41, 217, 83

 215, 217, 215

 19, 217, 66

 237, 217, 232

 0, 217, 51

 255, 217, 248

 255, 217, 255

Harmonies

Analogous

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



183, 208, 116



128, 217, 149



50, 221, 194

Triad

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



128, 217, 149



121, 203, 255



255, 165, 158

Complementary

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



128, 217, 149



217, 128, 196

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, 162, 202



128, 217, 149



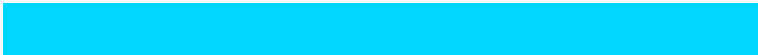
198, 187, 255

Square

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



128, 217, 149



0, 215, 255



252, 171, 246



255, 178, 122

Rectangle

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



128, 217, 149



0, 221, 225



252, 171, 246



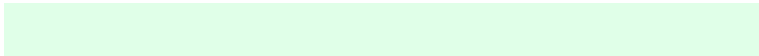
255, 163, 172

Sweetspot

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



128, 217, 149



224, 255, 232



196, 217, 128



110, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



128, 217, 149



130, 255, 160



128, 217, 193



99, 110, 101



0, 173, 41



0, 46, 11

Inverse Universe

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



217, 128, 196



255, 130, 226



217, 128, 152



110, 99, 107



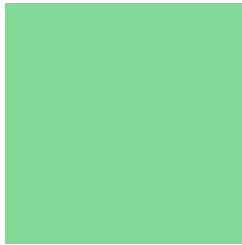
173, 0, 132



46, 0, 35

Previews

White Background



This preview shows how the RGB color 128, 217, 149 looks on a white background.

Color Contrast Check

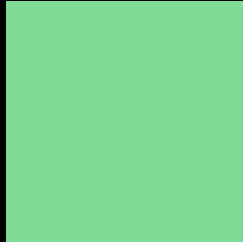
Large Text (above 18pt) WCAG AA × Fail

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 128, 217, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

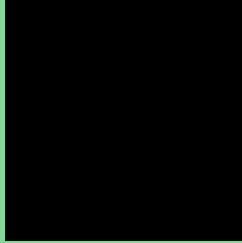
Any Text WCAG AA ✓ Pass

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 128, 217, 149 Background



This preview shows how black text looks on a background with the RGB color 128, 217, 149.

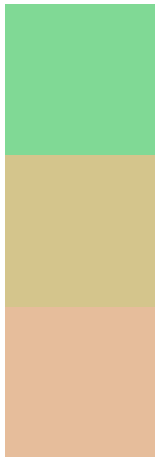


This preview shows how white text looks on a background with the RGB color 128, 217, 149.

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
128, 217, 149

Protanopia
212, 197, 140

Deuteranopia
230, 189, 155



Tritanopia
144, 207, 224

Trichromacy



Original Color

128, 217, 149



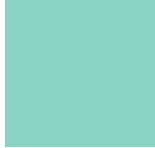
Protanomaly

181, 204, 143



Deuteranomaly

193, 199, 153



Tritanomaly

138, 211, 197

Monochromacy



Original Color

128, 217, 149



Achromatopsia

183, 183, 183



Achromatomaly

163, 195, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 217, 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(128, 217, 149)` looks like.

```
.text, #text, p{  
    color:rgb(128, 217, 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(128, 217, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 217, 149) }
```

Border

The CSS property to change the border of an element to RGB 128, 217, 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(128, 217, 149) }
```

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

```
.border{ border-color:rgb(128, 217, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 217, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 217, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 217, 149);  
box-shadow:4px 4px 4px 4px rgb(128, 217,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 128, 217, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 217, 149) }
```

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

```
.background{ background-color: rgb(128,  
217, 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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