

Converting Colors

RGB(128, 209, 121)

Have a look what the booklet for
RGB(128, 209, 121) contains.

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Color

RGB(128, 209, 121)

Conversions

Conversions Part 1

Format	Color
Hex	80D179
RGB	128, 209, 121
RGB Percent	50%, 82%, 47%
CMY	0.4980, 0.1804, 0.5255
CMYK	0.39, 0.00, 0.42, 0.18
HSL	115°, 49%, 65%
HSV	115°, 42%, 82%
XYZ	35.1537, 51.5706, 26.1905
YIQ	174.7490, -20.0280, -44.5400

Conversions

Conversions Part 2

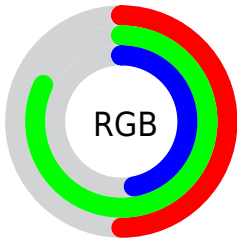
Format	Color
RYB	121, 209, 202
Decimal	8442233
CIELab	77.02, -42.06, 36.00
CIELCh	77, 55.362, 139.434
Yxy	51.5706, 0.3113, 0.4567
Android (android.graphics.Color)	4286632313 (0xFF80D179)
YUV	174.7490, -26.4983, -40.9989
Hunter-Lab	71.8127, -38.2929, 28.6455

Details

The RGB color **128, 209, 121** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **202, 121, 209**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **184, 255, 174**, and **73, 154, 71** is the 20% darker color. If you saturate the color by 10%, you get **109, 209, 100**, and if you desaturate by 10%, it is **147, 209, 142**.

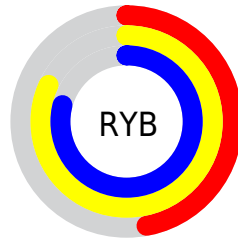
Distribution



Red (50%)

Green (82%)

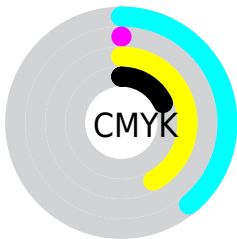
Blue (47%)



Red (47%)

Yellow (82%)

Blue (79%)

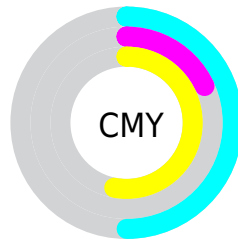


Cyan (39%)

Magenta (0%)

Yellow (42%)

Black (18%)



Cyan (50%)

Magenta (18%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 209, 121 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, 209, 121 by changing the saturation by 10% instead.

 128, 209, 121


255, 255, 255

 184, 255, 174

 213, 255, 202


 242, 255, 231


 128, 209, 121

 101, 181, 95

 73, 154, 71

 44, 127, 46

 5, 102, 21

 0, 77, 0

 0, 53, 0

 0, 32, 0

 0, 0, 0

 128, 209, 121

 128, 209, 121

■ 109, 209, 100

■ 147, 209, 142

■ 90, 209, 79

■ 166, 209, 163

■ 70, 209, 58

■ 186, 209, 184

■ 51, 209, 37

■ 205, 209, 205

■ 32, 209, 17

■ 224, 209, 226

■ 17, 209, 0

■ 243, 209, 246

■ 255, 209, 255

Harmonies

Analogous

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



188, 198, 89



128, 209, 121



9, 215, 170

Triad

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



128, 209, 121



17, 201, 255



255, 148, 159

Complementary

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



128, 209, 121



202, 121, 209

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, 149, 211



128, 209, 121



164, 184, 255

Square

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



128, 209, 121



0, 212, 255



236, 164, 255



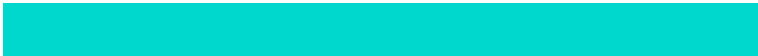
255, 162, 114

Rectangle

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



128, 209, 121



0, 216, 205



236, 164, 255



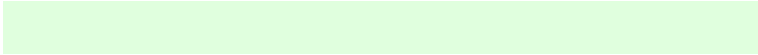
255, 147, 176

Sweetspot

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



128, 209, 121



224, 255, 222



209, 202, 121



109, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



128, 209, 121



135, 255, 125



121, 209, 158



95, 105, 94



13, 168, 0



3, 41, 0

Inverse Universe

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



202, 121, 209



245, 125, 255



209, 121, 172



104, 94, 105



155, 0, 168



38, 0, 41

Previews

White Background



This preview shows how the RGB color 128, 209, 121 looks on a white background.

Color Contrast Check

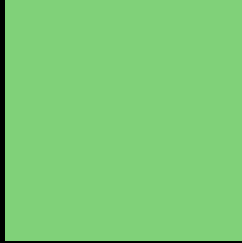
Large Text (above 18pt) WCAG AA × Fail

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, 209, 121 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, 209, 121 Background



This preview shows how black text looks on a background with the RGB color 128, 209, 121.

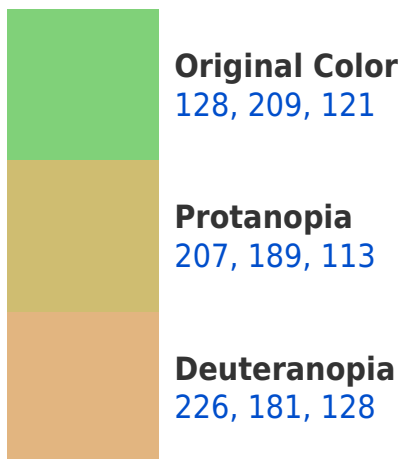


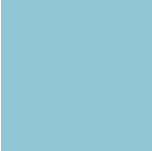
This preview shows how white text looks on a background with the RGB color 128, 209, 121.

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
146, 198, 214

Trichromacy



Original Color

128, 209, 121



Protanomaly

178, 196, 116



Deuteranomaly

190, 191, 125



Tritanomaly

139, 202, 180

Monochromacy



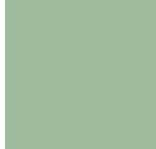
Original Color

128, 209, 121



Achromatopsia

175, 175, 175



Achromatomaly

158, 187, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 209, 121 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, 209, 121)` looks like.

```
.text, #text, p{  
    color:rgb(128, 209, 121)  
}
```

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, 209, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 209, 121) }
```

Border

The CSS property to change the border of an element to RGB 128, 209, 121 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, 209, 121) }
```

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

```
.border{ border-color:rgb(128, 209, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 209, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 209, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 209, 121); box-shadow:4px 4px 4px 4px rgb(128, 209, 121) }
```

Background

The CSS property to change the background color of an element to RGB 128, 209, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 209, 121) }
```

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

```
.background{ background-color: rgb(128,  
209, 121) }
```

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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