

Converting Colors

RGB(126, 209, 129)

Have a look what the booklet for
RGB(126, 209, 129) contains.

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Color

RGB(126, 209, 129)

Conversions

Conversions Part 1

Format	Color
Hex	7ED181
RGB	126, 209, 129
RGB Percent	49%, 82%, 51%
CMY	0.5059, 0.1804, 0.4941
CMYK	0.40, 0.00, 0.38, 0.18
HSL	122°, 47%, 66%
HSV	122°, 40%, 82%
XYZ	35.3671, 51.6215, 28.8688
YIQ	175.0630, -23.7880, -42.4760

Conversions

Conversions Part 2

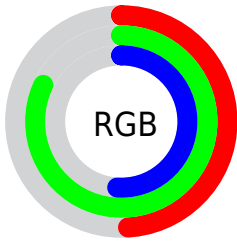
Format	Color
RYB	126, 206, 209
Decimal	8311169
CIELab	77.05, -41.46, 31.95
CIELCh	77, 52.347, 142.382
Yxy	51.6215, 0.3053, 0.4456
Android (android.graphics.Color)	4286501249 (0xFF7ED181)
YUV	175.0630, -22.7091, -43.0283
Hunter-Lab	71.8481, -37.8679, 26.4708

Details

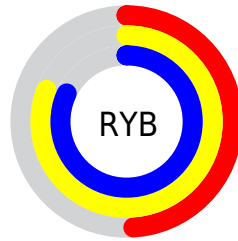
The RGB color **126, 209, 129** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **209, 126, 206**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **182, 255, 183**, and **71, 154, 79** is the 20% darker color. If you saturate the color by 10%, you get **105, 209, 109**, and if you desaturate by 10%, it is **147, 209, 149**.

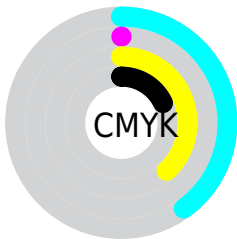
Distribution



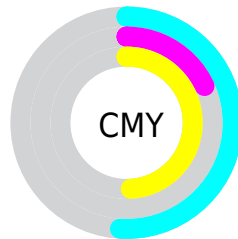
- Red (49%)
- Green (82%)
- Blue (51%)



- Red (49%)
- Yellow (81%)
- Blue (82%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (18%)



- Cyan (51%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 209, 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 126, 209, 129 by changing the saturation by 10% instead.

 126, 209, 129


255, 255, 255


 182, 255, 183

 211, 255, 210


 240, 255, 239

 126, 209, 129

 99, 181, 103

 71, 154, 79

 42, 127, 54

 1, 102, 31

 0, 77, 6

 0, 53, 0

 0, 32, 0

 0, 0, 0

 126, 209, 129

 126, 209, 129

 105, 209, 109

 147, 209, 149

 84, 209, 89

 168, 209, 169


 63, 209, 69

 189, 209, 189

 42, 209, 48

 210, 209, 210

 22, 209, 28

 231, 209, 230

 1, 209, 8

 251, 209, 250

 0, 209, 8

 255, 209, 255

Harmonies

Analogous

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



183, 199, 97



126, 209, 129



26, 214, 176

Triad

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



126, 209, 129



73, 199, 255



255, 152, 156

Complementary

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



126, 209, 129



209, 126, 206

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, 151, 205



126, 209, 129



175, 182, 255

Square

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



126, 209, 129



0, 210, 255



238, 164, 250



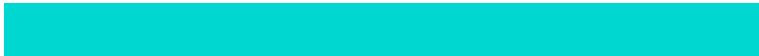
255, 166, 115

Rectangle

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



126, 209, 129



0, 215, 209



238, 164, 250



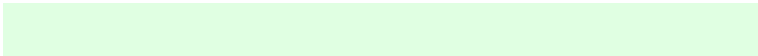
255, 150, 172

Sweetspot

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



126, 209, 129



224, 255, 226



206, 209, 126



110, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



126, 209, 129



133, 255, 137



126, 209, 170



94, 105, 94



0, 168, 6



0, 41, 1

Inverse Universe

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



209, 126, 206



255, 133, 251



209, 126, 165



105, 94, 104



168, 0, 162



41, 0, 39

Previews

White Background



This preview shows how the RGB color 126, 209, 129 looks on a white background.

Color Contrast Check

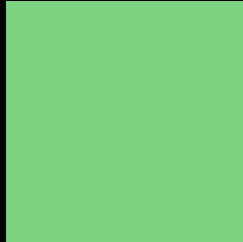
Large Text (above 18pt) WCAG AA × Fail

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 126, 209, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

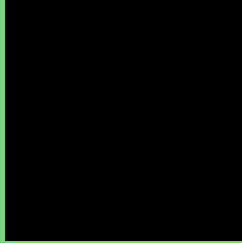
Any Text WCAG AA ✓ Pass

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 126, 209, 129 Background



This preview shows how black text looks on a background with the RGB color 126, 209, 129.

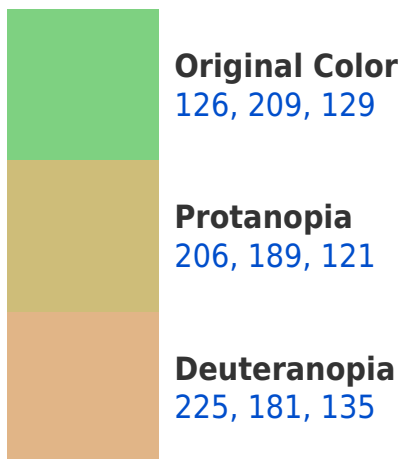


This preview shows how white text looks on a background with the RGB color 126, 209, 129.

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
143, 199, 215

Trichromacy



Original Color

126, 209, 129



Protanomaly

177, 196, 124



Deuteranomaly

189, 191, 133



Tritanomaly

137, 203, 184

Monochromacy



Original Color

126, 209, 129



Achromatopsia

175, 175, 175



Achromatomaly

157, 187, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 209, 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(126, 209, 129)` looks like.

```
.text, #text, p{  
    color:rgb(126, 209, 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(126, 209, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 209, 129) }
```

Border

The CSS property to change the border of an element to RGB 126, 209, 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(126, 209, 129) }
```

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

```
.border{ border-color:rgb(126, 209, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 209, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 209, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 209, 129);  
box-shadow:4px 4px 4px 4px rgb(126, 209,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 126, 209, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 209, 129) }
```

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

```
.background{ background-color: rgb(126,  
209, 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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