

Converting Colors

RGB(139, 227, 126)

Have a look what the booklet for
RGB(139, 227, 126) contains.

RGB(139, 227, 126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(139, 227, 126)

Conversions

Conversions Part 1

Format	Color
Hex	8BE37E
RGB	139, 227, 126
RGB Percent	55%, 89%, 49%
CMY	0.4549, 0.1098, 0.5059
CMYK	0.39, 0.00, 0.44, 0.11
HSL	112°, 64%, 69%
HSV	112°, 44%, 89%
XYZ	41.8824, 61.9335, 29.4856
YIQ	189.1740, -20.0270, -50.0670

Conversions

Conversions Part 2

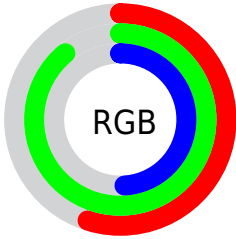
Format	Color
RYB	126, 227, 214
Decimal	9167742
CIELab	82.88, -45.72, 41.09
CIELCh	83, 61.465, 138.054
Yxy	61.9335, 0.3142, 0.4646
Android (android.graphics.Color)	4287357822 (0xFF8BE37E)
YUV	189.1740, -31.1448, -44.0026
Hunter-Lab	78.6978, -42.7248, 32.8744

Details

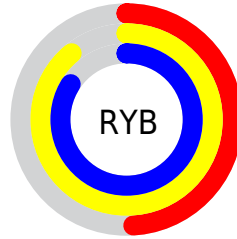
The RGB color **139, 227, 126** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **214, 126, 227**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **196, 255, 180**, and **83, 171, 75** is the 20% darker color. If you saturate the color by 10%, you get **119, 227, 103**, and if you desaturate by 10%, it is **159, 227, 149**.

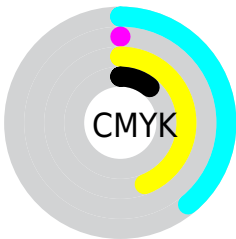
Distribution



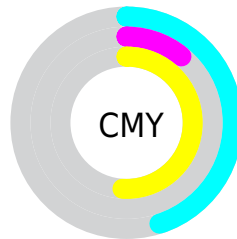
- Red (55%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (84%)



- Cyan (39%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 139, 227, 126 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 139, 227, 126 by changing the saturation by 10% instead.

 139, 227, 126


255, 255, 255


 196, 255, 180


 225, 255, 208


 255, 255, 237

 139, 227, 126

 111, 199, 100

 83, 171, 75

 54, 144, 50

 18, 118, 24

 0, 92, 0

 0, 68, 0

 0, 45, 0

 0, 18, 0

 0, 0, 0

 139, 227, 126

 139, 227, 126

 119, 227, 103

 159, 227, 149

 99, 227, 81

 179, 227, 171

 80, 227, 58

 198, 227, 194

 60, 227, 35

 218, 227, 217

 40, 227, 13

 238, 227, 240

 29, 227, 0

 255, 227, 255

Harmonies

Analogous

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



206, 214, 91



139, 227, 126



0, 234, 181

Triad

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



139, 227, 126



0, 219, 255



255, 158, 174

Complementary

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



139, 227, 126



214, 126, 227

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, 159, 232



139, 227, 126



171, 200, 255

Square

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



139, 227, 126



0, 231, 255



254, 177, 255



255, 174, 122

Rectangle

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



139, 227, 126



0, 236, 221



254, 177, 255



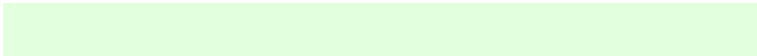
255, 156, 193

Sweetspot

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



139, 227, 126



226, 255, 222



227, 214, 126



110, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



139, 227, 126



137, 255, 120



126, 227, 163



105, 115, 103



23, 179, 0



7, 51, 0

Inverse Universe

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



214, 126, 227



238, 120, 255



227, 126, 190



113, 103, 115



156, 0, 179



44, 0, 51

Previews

White Background



This preview shows how the RGB color 139, 227, 126 looks on a white background.

Color Contrast Check

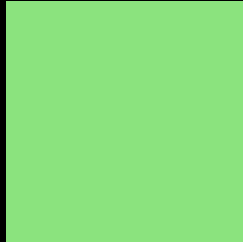
Large Text (above 18pt) WCAG AA × Fail

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 139, 227, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

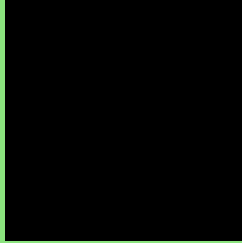
Any Text WCAG AA ✓ Pass

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 139, 227, 126 Background



This preview shows how black text looks on a background with the RGB color 139, 227, 126.

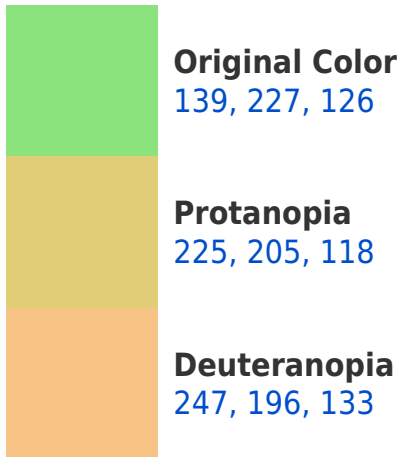



This preview shows how white text looks on a background with the RGB color 139, 227, 126.

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
159, 215, 232

Trichromacy



Original Color

139, 227, 126



Protanomaly

194, 213, 121



Deuteranomaly

208, 207, 130



Tritanomaly

152, 219, 193

Monochromacy



Original Color

139, 227, 126



Achromatopsia

189, 189, 189



Achromatomaly

171, 203, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 227, 126 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(139, 227, 126)` looks like.

```
.text, #text, p{  
    color:rgb(139, 227, 126)  
}
```

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(139, 227, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 227, 126) }
```

Border

The CSS property to change the border of an element to RGB 139, 227, 126 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(139, 227, 126) }
```

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

```
.border{ border-color:rgb(139, 227, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 227, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 227, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 227, 126);  
box-shadow:4px 4px 4px 4px rgb(139, 227,  
126) }
```

Background

The CSS property to change the background color of an element to RGB 139, 227, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 227, 126) }
```

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

```
.background{ background-color: rgb(139,  
227, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor