

Converting Colors

RGB(126, 238, 119)

Have a look what the booklet for
RGB(126, 238, 119) contains.

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Color

RGB(126, 238, 119)

Conversions

Conversions Part 1

Format	Color
Hex	7EEE77
RGB	126, 238, 119
RGB Percent	49%, 93%, 47%
CMY	0.5059, 0.0667, 0.5333
CMYK	0.47, 0.00, 0.50, 0.07
HSL	116°, 78%, 70%
HSV	116°, 50%, 93%
XYZ	42.5085, 66.9166, 28.1285
YIQ	190.9460, -28.5530, -60.7530

Conversions

Conversions Part 2

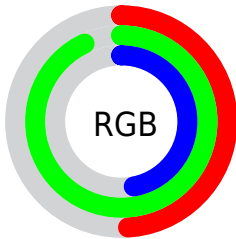
Format	Color
RYB	119, 238, 231
Decimal	8318583
CIELab	85.46, -54.97, 47.56
CIElCh	85, 72.684, 139.134
Yxy	66.9166, 0.3090, 0.4865
Android (android.graphics.Color)	4286508663 (0xFF7EEE77)
YUV	190.9460, -35.4694, -56.9576
Hunter-Lab	81.8026, -50.3974, 36.8744

Details

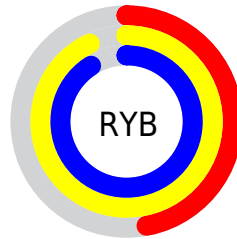
The RGB color **126, 238, 119** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **231, 119, 238**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **185, 255, 173**, and **65, 181, 67** is the 20% darker color. If you saturate the color by 10%, you get **104, 238, 95**, and if you desaturate by 10%, it is **148, 238, 143**.

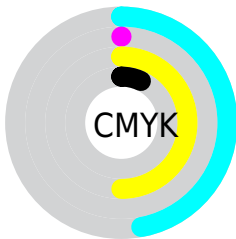
Distribution



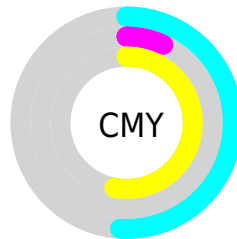
- Red (49%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (91%)



- Cyan (47%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (51%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 238, 119 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, 238, 119 by changing the saturation by 10% instead.

 126, 238, 119

255, 255, 255

 185, 255, 173

 214, 255, 201


 244, 255, 230


 126, 238, 119


 96, 209, 93

 65, 181, 67

 26, 154, 40

 0, 127, 7

 0, 101, 0

 0, 76, 0

 0, 52, 0

 0, 28, 0

 0, 0, 0

■ 126, 238, 119

■ 126, 238, 119

■ 104, 238, 95

■ 148, 238, 143

■ 81, 238, 71

■ 171, 238, 167

■ 59, 238, 48

■ 193, 238, 190

■ 36, 238, 24

■ 216, 238, 214

■ 14, 238, 0

■ 238, 238, 238

■ 255, 238, 255

Harmonies

Analogous

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



208, 223, 73



126, 238, 119



0, 246, 185

Triad

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



126, 238, 119



0, 228, 255



255, 153, 172

Complementary

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



126, 238, 119



231, 119, 238

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, 154, 242



126, 238, 119



171, 206, 255

Square

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



126, 238, 119



0, 242, 255



255, 177, 255



255, 174, 111

Rectangle

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



126, 238, 119



0, 247, 233



255, 177, 255



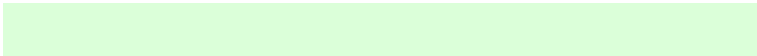
255, 151, 195

Sweetspot

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



126, 238, 119



219, 255, 217



238, 230, 119



106, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



126, 238, 119



111, 255, 102



119, 238, 171



109, 120, 108



11, 184, 0



3, 56, 0

Inverse Universe

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



231, 119, 238



246, 102, 255



238, 119, 186



119, 108, 120



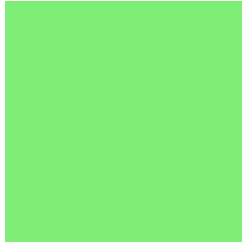
173, 0, 184



53, 0, 56

Previews

White Background



This preview shows how the RGB color 126, 238, 119 looks on a white background.

Color Contrast Check

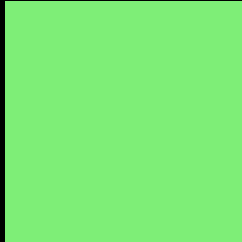
Large Text (above 18pt) WCAG AA × Fail

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, 238, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

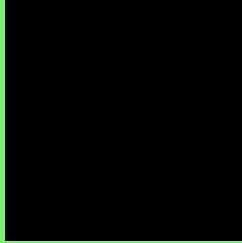
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

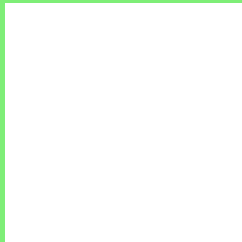
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 126, 238, 119 Background



This preview shows how black text looks on a background with the RGB color 126, 238, 119.

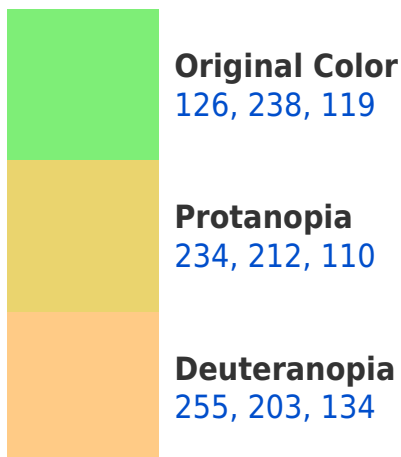


This preview shows how white text looks on a background with the RGB color 126, 238, 119.

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
151, 224, 242

Trichromacy



Original Color

126, 238, 119



Protanomaly

195, 221, 113



Deuteranomaly

208, 216, 129



Tritanomaly

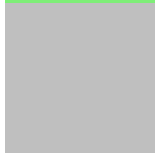
142, 229, 197

Monochromacy



Original Color

126, 238, 119



Achromatopsia

191, 191, 191



Achromatomaly

167, 208, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 238, 119 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, 238, 119)` looks like.

```
.text, #text, p{  
    color:rgb(126, 238, 119)  
}
```

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, 238, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 238, 119) }
```

Border

The CSS property to change the border of an element to RGB 126, 238, 119 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, 238, 119) }
```

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

```
.border{ border-color:rgb(126, 238, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 238, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 238, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 238, 119); box-shadow:4px 4px 4px 4px rgb(126, 238, 119) }
```

Background

The CSS property to change the background color of an element to RGB 126, 238, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 238, 119) }
```

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

```
.background{ background-color: rgb(126,  
238, 119) }
```

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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