

Converting Colors

`RYB(126, 251, 147)`

Have a look what the booklet for
RYB(126, 251, 147) contains.

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Color

R_YB(126, 251, 147)

Conversions

Conversions Part 1

Format	Color
Hex	E6FB7E
RGB	230, 251, 126
RGB Percent	90%, 98%, 49%
CMY	0.0980, 0.0157, 0.5059
CMYK	0.08, 0.00, 0.50, 0.02
HSL	70°, 94%, 74%
HSV	70°, 50%, 98%
XYZ	70.8962, 87.3237, 32.8572
YIQ	230.4710, 27.6090, -43.3270

Conversions

Conversions Part 2

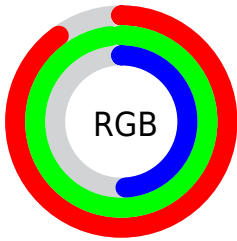
Format	Color
R_{YB}	126, 251, 147
Decimal	15137662
CIE _{Lab}	94.88, -24.46, 57.02
CIE _{LCh}	95, 62.041, 113.219
Yxy	87.3237, 0.3710, 0.4570
Android (android.graphics.Color)	4293327742 (0xFFE6FB7E)
YUV	230.4710, -51.5042, -0.4131
Hunter-Lab	93.4472, -28.1087, 44.5659

Details

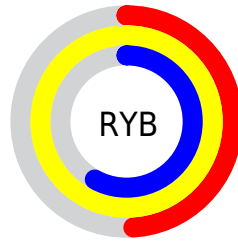
The RYB color **126, 251, 147** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **147, 126, 251**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **181, 255, 181**, and **72, 194, 94** is the 20% darker color. If you saturate the color by 10%, you get **101, 251, 126**, and if you desaturate by 10%, it is **151, 251, 168**.

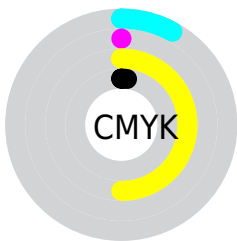
Distribution



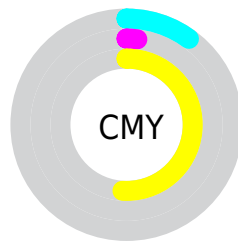
- Red (90%)
- Green (98%)
- Blue (49%)



- Red (49%)
- Yellow (98%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (50%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 251, 147 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 RYB color 126, 251, 147 by changing the saturation by 10% instead.

 126, 251, 147

255, 255, 255


 181, 255, 181

 210, 255, 210

 239, 255, 239


 126, 251, 147

 99, 222, 120


 72, 194, 94

 45, 167, 68

 9, 141, 33

 0, 115, 25

 0, 91, 27

 0, 67, 30

 0, 45, 36

 0, 26, 26

■ 126, 251, 147

■ 126, 251, 147

■ 101, 251, 126

■ 151, 251, 168

■ 76, 251, 105

■ 176, 251, 189

■ 51, 251, 85

■ 201, 251, 209

■ 26, 251, 64

■ 226, 251, 230

■ 0, 251, 42

■ 251, 251, 251

■ 255, 251, 255

Harmonies

Analogous

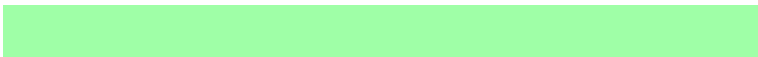
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



147, 255, 119



126, 251, 147



159, 248, 255

Triad

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



126, 251, 147



0, 128, 255



255, 192, 255

Complementary

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



126, 251, 147



147, 126, 251

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, 207, 255



126, 251, 147



101, 177, 255

Square

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



126, 251, 147



0, 128, 255



224, 229, 255



255, 194, 196

Rectangle

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



126, 251, 147



94, 190, 255



224, 229, 255



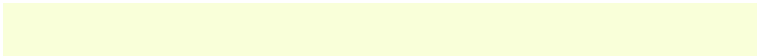
255, 195, 255

Sweetspot

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



126, 251, 147



217, 255, 223



251, 151, 126



105, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



126, 251, 147



102, 255, 128



126, 251, 209



112, 125, 114



0, 189, 32



0, 61, 10

Inverse Universe

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



147, 126, 251



128, 102, 255



209, 126, 251



115, 112, 125



32, 0, 189



10, 0, 61

Previews

White Background



This preview shows how the RYB color 126, 251, 147 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 RYB color 126, 251, 147 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](#).

RYB 126, 251, 147 Background



This preview shows how black text looks on a background with the RYB color 126, 251, 147.

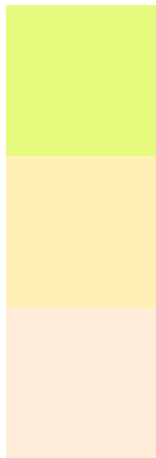


This preview shows how white text looks on a background with the RYB color 126, 251, 147.

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
126, 251, 147

Protanopia
201, 255, 182

Deuteranopia
253, 255, 218



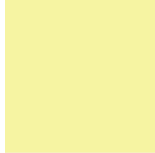
Tritanopia
245, 237, 255

Trichromacy



Original Color

126, 251, 147



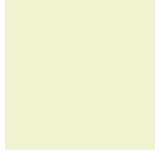
Protanomaly

164, 246, 162



Deuteranomaly

189, 246, 185



Tritanomaly

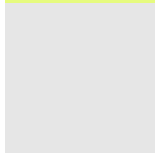
208, 242, 210

Monochromacy



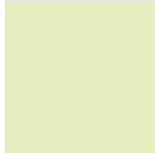
Original Color

126, 251, 147



Achromatopsia

230, 230, 230



Achromatomaly

192, 238, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 251, 147 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(230, 251, 126) looks like.

```
.text, #text, p{  
    color:rgb(230, 251, 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(230, 251, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 251, 126) }
```

Border

The CSS property to change the border of an element to RYB 126, 251, 147 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(230, 251, 126) }
```

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

```
.border{ border-color:rgb(230, 251, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 251, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 251, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 251, 126);  
box-shadow:4px 4px 4px 4px rgb(230, 251,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 126, 251, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 251, 126) }
```

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

```
.background{ background-color: rgb(230,  
251, 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](#).

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