

Converting Colors

`RYB(146, 238, 147)`

Have a look what the booklet for
RYB(146, 238, 147) contains.

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Color

R_YB(146, 238, 147)

Conversions

Conversions Part 1

Format	Color
Hex	EDEE92
RGB	237, 238, 146
RGB Percent	93%, 93%, 57%
CMY	0.0706, 0.0667, 0.4275
CMYK	0.00, 0.00, 0.39, 0.07
HSL	61°, 73%, 75%
HSV	61°, 39%, 93%
XYZ	70.6879, 81.2289, 39.1472
YIQ	227.2130, 28.9360, -28.8240

Conversions

Conversions Part 2

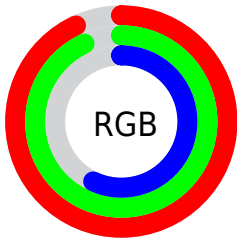
Format	Color
RYB	146, 238, 147
Decimal	15593106
CIELab	92.23, -13.52, 44.39
CIELCh	92, 46.407, 106.933
Yxy	81.2289, 0.3700, 0.4251
Android (android.graphics.Color)	4293783186 (0xFFEDEE92)
YUV	227.2130, -40.0380, 8.5832
Hunter-Lab	90.1271, -17.7224, 37.3360

Details

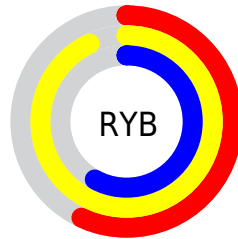
The RYB color **146, 238, 147** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **147, 146, 238**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **201, 255, 201**, and **94, 182, 96** is the 20% darker color. If you saturate the color by 10%, you get **122, 238, 123**, and if you desaturate by 10%, it is **170, 238, 171**.

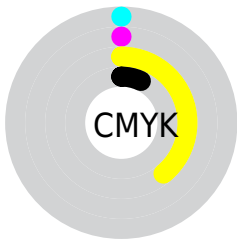
Distribution



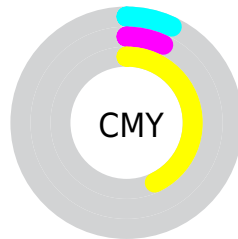
- Red (93%)
- Green (93%)
- Blue (57%)



- Red (57%)
- Yellow (93%)
- Blue (58%)



- Cyan (0%)
- Magenta (0%)
- Yellow (39%)
- Black (7%)



- Cyan (7%)
- Magenta (7%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 238, 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 146, 238, 147 by changing the saturation by 10% instead.

 146, 238, 147

255, 255, 255

 201, 255, 201


 230, 255, 230

 146, 238, 147

 119, 210, 121

 94, 182, 96


 68, 155, 71


 43, 129, 47

 16, 104, 21

 0, 80, 7

 0, 58, 9

 0, 36, 12

 0, 15, 15

■ 146, 238, 147

■ 146, 238, 147

■ 122, 238, 123

■ 170, 238, 171

■ 98, 238, 100

■ 194, 238, 194

■ 75, 238, 77

■ 217, 238, 217

■ 51, 238, 53

■ 238, 238, 241

■ 27, 238, 29

■ 238, 238, 255

■ 3, 238, 6

■ 239, 238, 255

■ 0, 238, 3

Harmonies

Analogous

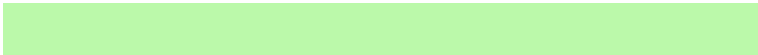
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191, 255, 146



146, 238, 147



170, 249, 232

Triad

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



146, 238, 147



63, 158, 255



255, 200, 254

Complementary

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



146, 238, 147



147, 146, 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, 212, 255



146, 238, 147



135, 192, 255

Square

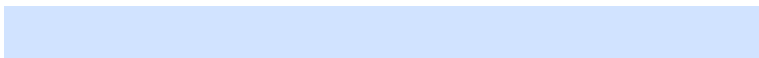
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



146, 238, 147



70, 163, 255



209, 222, 255



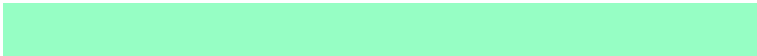
255, 199, 209

Rectangle

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



146, 238, 147



150, 222, 254



209, 222, 255



255, 203, 255

Sweetspot

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



146, 238, 147



224, 255, 224



238, 146, 146



110, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



146, 238, 147



138, 255, 139



146, 238, 192



108, 120, 108



0, 184, 2



0, 56, 1

Inverse Universe

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



147, 146, 238



139, 138, 255



192, 146, 238



108, 108, 120



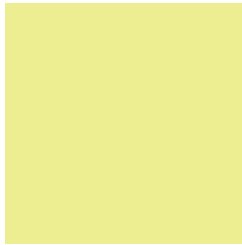
2, 0, 184



1, 0, 56

Previews

White Background



This preview shows how the RYB color 146, 238, 147 looks on a white background.

Color Contrast Check

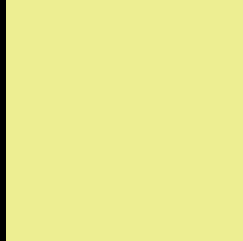
Large Text (above 18pt) WCAG AA × Fail

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 146, 238, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

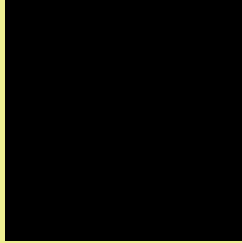
Any Text WCAG AA ✓ Pass

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 146, 238, 147 Background



This preview shows how black text looks on a background with the RYB color 146, 238, 147.

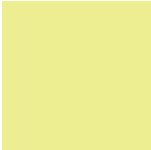

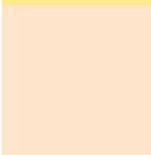


This preview shows how white text looks on a background with the RYB color 146, 238, 147.

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](#).

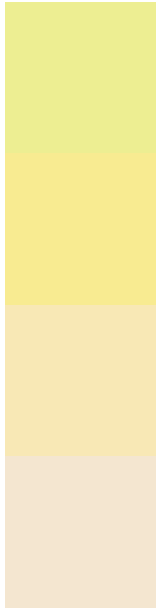
Dichromacy

	Original Color 146, 238, 147
	Protanopia 170, 254, 144
	Deuteranopia 255, 255, 201



Tritanopia
248, 226, 244

Trichromacy



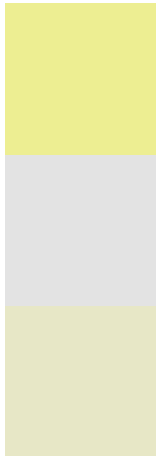
Original Color
146, 238, 147

Protanomaly
160, 248, 145

Deuteranomaly
202, 248, 181

Tritanomaly
231, 244, 208

Monochromacy



Original Color
146, 238, 147

Achromatopsia
227, 227, 227

Achromatomaly
198, 231, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 238, 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(237, 238, 146) looks like.

```
.text, #text, p{  
    color:rgb(237, 238, 146)  
}
```

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(237, 238, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 238, 146) }
```

Border

The CSS property to change the border of an element to RYB 146, 238, 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(237, 238, 146) }
```

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

```
.border{ border-color:rgb(237, 238, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 238, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 238, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 238, 146); box-shadow:4px 4px 4px 4px rgb(237, 238, 146) }
```

Background

The CSS property to change the background color of an element to RYB 146, 238, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 238, 146) }
```

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

```
.background{ background-color: rgb(237,  
238, 146) }
```

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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