

Converting Colors

RGB(232, 255, 159)

Have a look what the booklet for
RGB(232, 255, 159) contains.

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Color

RGB(232, 255, 159)

Conversions

Conversions Part 1

Format	Color
Hex	E8FF9F
RGB	232, 255, 159
RGB Percent	91%, 100%, 62%
CMY	0.0902, 0.0000, 0.3765
CMYK	0.09, 0.00, 0.38, 0.00
HSL	74°, 100%, 81%
HSV	74°, 38%, 100%
XYZ	75.2967, 91.1790, 46.4316
YIQ	237.1790, 17.1080, -34.7320

Conversions

Conversions Part 2

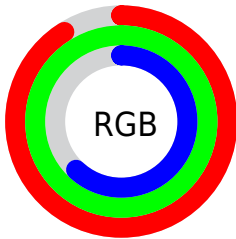
Format	Color
R_{YB}	159, 255, 182
Decimal	15269791
CIE _{Lab}	96.48, -22.20, 43.40
CIE _{LCh}	96, 48.746, 117.088
Yxy	91.1790, 0.3537, 0.4283
Android (android.graphics.Color)	4293459871 (0xFFE8FF9F)
YUV	237.1790, -38.5422, -4.5420
Hunter-Lab	95.4877, -26.3475, 38.0112

Details

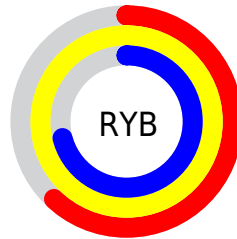
The RGB color **232, 255, 159** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **182, 159, 255**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 215**, and **175, 198, 106** is the 20% darker color. If you saturate the color by 10%, you get **226, 255, 133**, and if you desaturate by 10%, it is **238, 255, 185**.

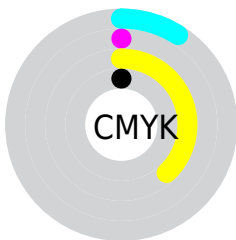
Distribution



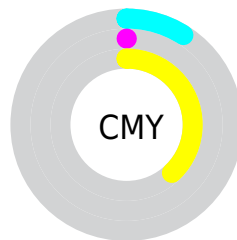
- Red (91%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 255, 159 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 232, 255, 159 by changing the saturation by 10% instead.

 232, 255, 159

255, 255, 255


 255, 255, 215


 255, 255, 243

 232, 255, 159

 203, 226, 132

 175, 198, 106


 148, 171, 80

 121, 144, 55

 95, 119, 30

 69, 94, 0

 45, 70, 0

 19, 48, 0

 0, 29, 0

■ 232, 255, 159

■ 232, 255, 159

■ 226, 255, 133

■ 238, 255, 185

■ 220, 255, 108

■ 244, 255, 210

■ 214, 255, 82

■ 250, 255, 236

■ 208, 255, 57

255, 255, 255

■ 201, 255, 31

■ 195, 255, 6

■ 194, 255, 0

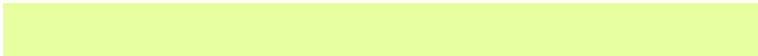
Harmonies

Analogous

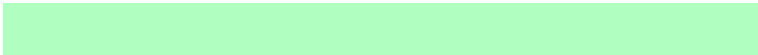
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 240, 150



232, 255, 159



176, 255, 192

Triad

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



232, 255, 159



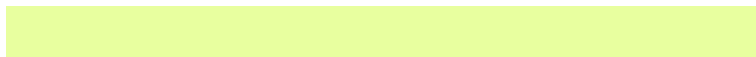
86, 255, 255



255, 209, 251

Complementary

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



232, 255, 159



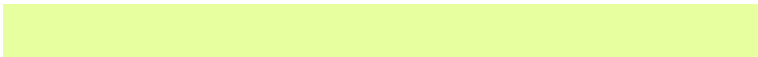
182, 159, 255

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, 218, 255



232, 255, 159



169, 251, 255

Square

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



232, 255, 159



51, 255, 255



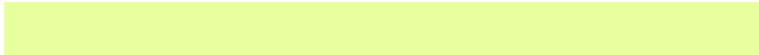
244, 234, 255



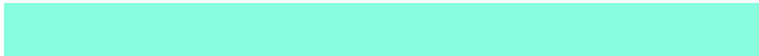
255, 211, 204

Rectangle

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



232, 255, 159



135, 255, 222



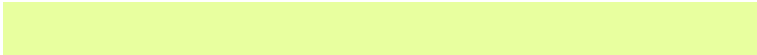
244, 234, 255



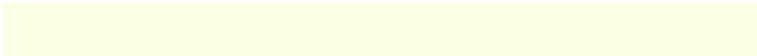
255, 210, 255

Sweetspot

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



232, 255, 159



248, 255, 227



255, 181, 159



124, 128, 111



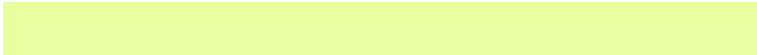
0, 0, 0



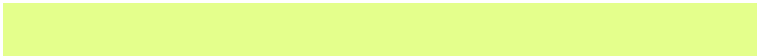
128, 128, 128

Same Dimension

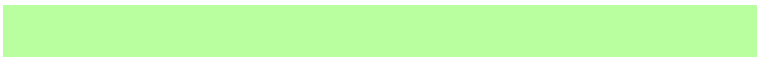
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232, 255, 159



228, 255, 140



185, 255, 159



124, 128, 115



145, 191, 0



48, 64, 0

Inverse Universe

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



182, 159, 255



168, 140, 255



229, 159, 255



118, 115, 128



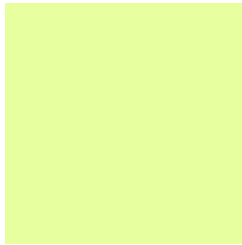
46, 0, 191



15, 0, 64

Previews

White Background



This preview shows how the RGB color 232, 255, 159 looks on a white background.

Color Contrast Check

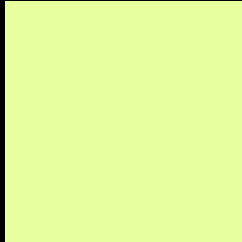
Large Text (above 18pt) WCAG AA × Fail

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 232, 255, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

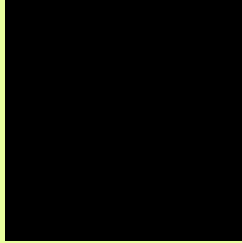
Any Text WCAG AA ✓ Pass

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 232, 255, 159 Background



This preview shows how black text looks on a background with the RGB color 232, 255, 159.

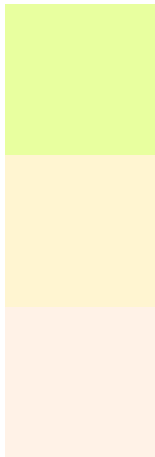


This preview shows how white text looks on a background with the RGB color 232, 255, 159.

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
232, 255, 159

Protanopia
255, 245, 209

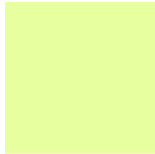
Deuteranopia
255, 242, 231



Tritanopia

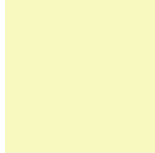
245, 243, 255

Trichromacy



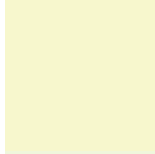
Original Color

232, 255, 159



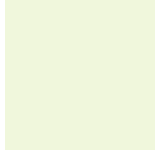
Protanomaly

247, 249, 191



Deuteranomaly

247, 247, 205



Tritanomaly

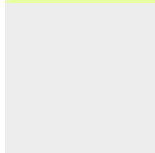
240, 247, 220

Monochromacy



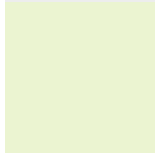
Original Color

232, 255, 159



Achromatopsia

237, 237, 237



Achromatomaly

235, 244, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 255, 159 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(232, 255, 159)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 159)  
}
```

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(232, 255, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 159) }
```

Border

The CSS property to change the border of an element to RGB 232, 255, 159 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(232, 255, 159) }
```

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

```
.border{ border-color:rgb(232, 255, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 159);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 232, 255, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 159) }
```

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

```
.background{ background-color: rgb(232,  
255, 159) }
```

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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