

Converting Colors

RGB(226, 246, 162)

Have a look what the booklet for
RGB(226, 246, 162) contains.

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Color

RGB(226, 246, 162)

Conversions

Conversions Part 1

Format	Color
Hex	E2F6A2
RGB	226, 246, 162
RGB Percent	89%, 96%, 64%
CMY	0.1137, 0.0353, 0.3647
CMYK	0.08, 0.00, 0.34, 0.04
HSL	74°, 82%, 80%
HSV	74°, 34%, 96%
XYZ	70.8414, 84.6889, 46.7953
YIQ	230.4440, 15.0440, -30.3640

Conversions

Conversions Part 2

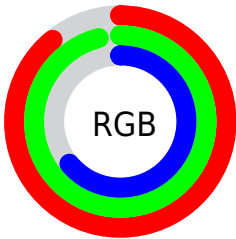
Format	Color
RYB	162, 246, 182
Decimal	14874274
CIELab	93.75, -19.72, 38.29
CIELCh	94, 43.071, 117.249
Yxy	84.6889, 0.3501, 0.4186
Android (android.graphics.Color)	4293064354 (0xFFE2F6A2)
YUV	230.4440, -33.7429, -3.8974
Hunter-Lab	92.0266, -23.6385, 34.2698

Details

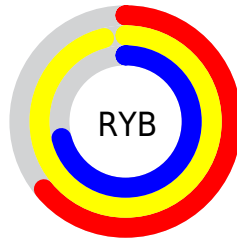
The RGB color **226, 246, 162** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **182, 162, 246**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 218**, and **170, 190, 109** is the 20% darker color. If you saturate the color by 10%, you get **220, 246, 137**, and if you desaturate by 10%, it is **232, 246, 187**.

Distribution



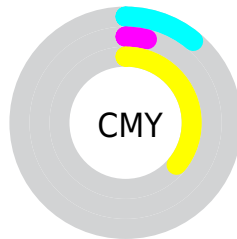
- Red (89%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 246, 162 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 226, 246, 162 by changing the saturation by 10% instead.

 226, 246, 162


255, 255, 255


 255, 255, 218

 255, 255, 246

 226, 246, 162

 198, 218, 135

 170, 190, 109


 142, 163, 84

 116, 136, 59

 90, 111, 35

 65, 87, 8

 42, 63, 0

 17, 41, 0

 0, 22, 0

 226, 246, 162


 226, 246, 162

 220, 246, 137


 232, 246, 187

 214, 246, 113


 238, 246, 211

 208, 246, 88


 244, 246, 236

 203, 246, 64

 249, 246, 255

 197, 246, 39

 255, 246, 255

 191, 246, 14

 187, 246, 0

Harmonies

Analogous

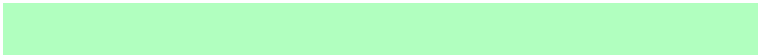
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 233, 154



226, 246, 162



177, 255, 191

Triad

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



226, 246, 162



112, 253, 255



255, 206, 243

Complementary

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



226, 246, 162



182, 162, 246

Split Complementary

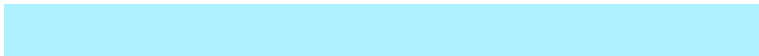
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 214, 255



226, 246, 162



174, 242, 255

Square

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



226, 246, 162



91, 255, 255



237, 228, 255



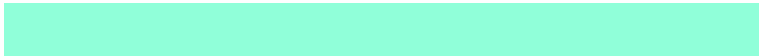
255, 208, 201

Rectangle

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



226, 246, 162



144, 255, 217



237, 228, 255



255, 207, 255

Sweetspot

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



226, 246, 162



249, 255, 230



246, 182, 162



124, 128, 112



0, 0, 0



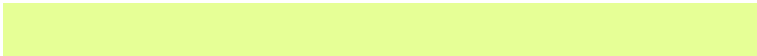
128, 128, 128

Same Dimension

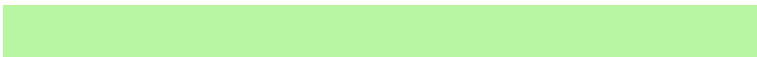
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226, 246, 162



230, 255, 150



184, 246, 162



119, 122, 110



142, 186, 0



45, 59, 0

Inverse Universe

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



182, 162, 246



175, 150, 255



224, 162, 246



113, 110, 122



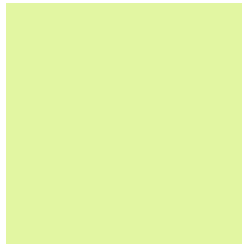
44, 0, 186



14, 0, 59

Previews

White Background



This preview shows how the RGB color 226, 246, 162 looks on a white background.

Color Contrast Check

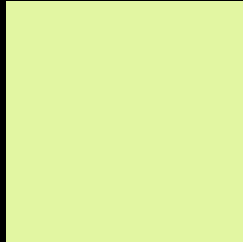
Large Text (above 18pt) WCAG AA × Fail

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 226, 246, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

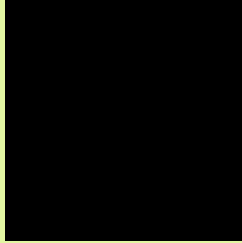
Any Text WCAG AA ✓ Pass

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 226, 246, 162 Background



This preview shows how black text looks on a background with the RGB color 226, 246, 162.

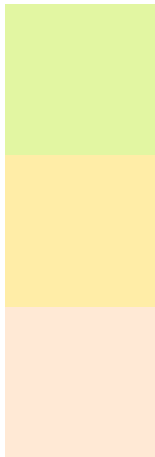


This preview shows how white text looks on a background with the RGB color 226, 246, 162.

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
226, 246, 162

Protanopia
255, 237, 167

Deuteranopia
255, 233, 213



Tritanopia

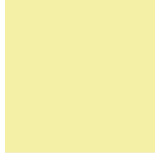
238, 235, 253

Trichromacy



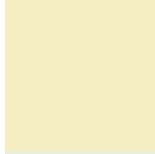
Original Color

226, 246, 162



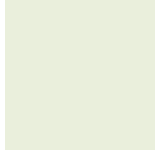
Protanomaly

244, 240, 165



Deuteranomaly

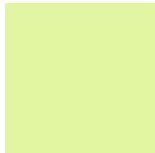
244, 238, 194



Tritanomaly

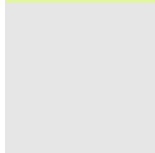
234, 239, 220

Monochromacy



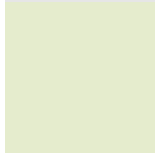
Original Color

226, 246, 162



Achromatopsia

230, 230, 230



Achromatomaly

229, 236, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 246, 162 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(226, 246, 162)` looks like.

```
.text, #text, p{  
    color:rgb(226, 246, 162)  
}
```

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(226, 246, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 246, 162) }
```

Border

The CSS property to change the border of an element to RGB 226, 246, 162 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(226, 246, 162) }
```

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

```
.border{ border-color:rgb(226, 246, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 246, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 246, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 246, 162); box-shadow:4px 4px 4px 4px rgb(226, 246, 162) }
```

Background

The CSS property to change the background color of an element to RGB 226, 246, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 246, 162) }
```

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

```
.background{ background-color: rgb(226,  
246, 162) }
```

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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