

Converting Colors

RGB(238, 242, 142)

Have a look what the booklet for
RGB(238, 242, 142) contains.

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Color

RGB(238, 242, 142)

Conversions

Conversions Part 1

Format	Color
Hex	EEF28E
RGB	238, 242, 142
RGB Percent	93%, 95%, 56%
CMY	0.0667, 0.0510, 0.4431
CMYK	0.02, 0.00, 0.41, 0.05
HSL	62°, 79%, 75%
HSV	62°, 41%, 95%
XYZ	71.8945, 83.6344, 37.9450
YIQ	229.4040, 29.7160, -31.9480

Conversions

Conversions Part 2

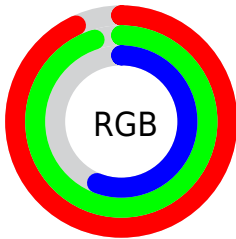
Format	Color
R_{YB}	142, 242, 146
Decimal	15659662
CIE _{Lab}	93.29, -15.51, 47.69
CIE _{LCh}	93, 50.150, 108.019
Yxy	83.6344, 0.3716, 0.4323
Android (android.graphics.Color)	4293849742 (0xFFEEF28E)
YUV	229.4040, -43.0902, 7.5387
Hunter-Lab	91.4518, -19.7136, 39.4158

Details

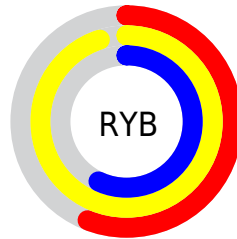
The RGB color **238, 242, 142** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **146, 142, 242**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 197**, and **180, 186, 89** is the 20% darker color. If you saturate the color by 10%, you get **237, 242, 118**, and if you desaturate by 10%, it is **239, 242, 166**.

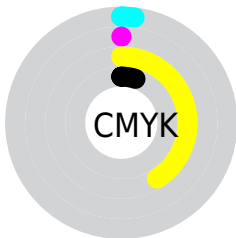
Distribution



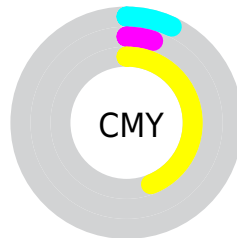
- Red (93%)
- Green (95%)
- Blue (56%)



- Red (56%)
- Yellow (95%)
- Blue (57%)



- Cyan (2%)
- Magenta (0%)
- Yellow (41%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 242, 142 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 238, 242, 142 by changing the saturation by 10% instead.

 238, 242, 142

 238, 242, 142


255, 255, 255

 209, 214, 115


 255, 255, 197

 180, 186, 89

 255, 255, 226

 153, 159, 64

255, 255, 255

 125, 133, 38

 99, 108, 6

 73, 84, 0

 48, 61, 0

 23, 39, 0

 0, 20, 0

 238, 242, 142


 238, 242, 142

 237, 242, 118

 239, 242, 166

 236, 242, 94


 240, 242, 190

 235, 242, 69

 241, 242, 215

 234, 242, 45

 242, 242, 239

 233, 242, 21

 243, 242, 255

 232, 242, 0

 244, 242, 255

 245, 242, 255

 246, 242, 255

 247, 242, 255

Harmonies

Analogous

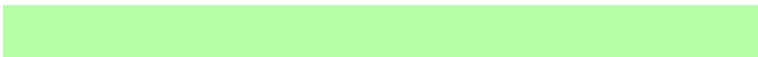
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 226, 141



238, 242, 142



183, 254, 169

Triad

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



238, 242, 142



0, 255, 255



255, 200, 255

Complementary

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



238, 242, 142



146, 142, 242

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, 213, 255



238, 242, 142



128, 246, 255

Square

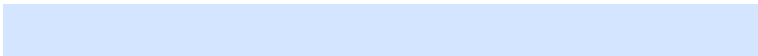
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238, 242, 142



24, 255, 255



212, 230, 255



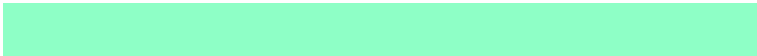
255, 199, 208

Rectangle

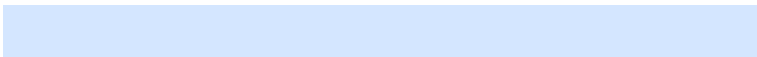
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238, 242, 142



142, 255, 198



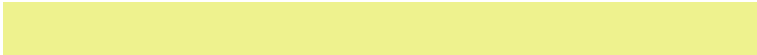
212, 230, 255



255, 203, 255

Sweetspot

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



238, 242, 142



254, 255, 224



242, 145, 142



127, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

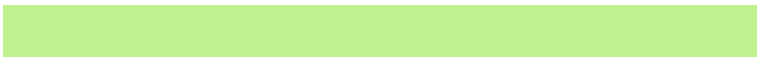
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238, 242, 142



250, 255, 128



189, 242, 142



119, 120, 108



176, 184, 0



54, 56, 0

Inverse Universe

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



146, 142, 242



133, 128, 255



195, 142, 242



108, 108, 120



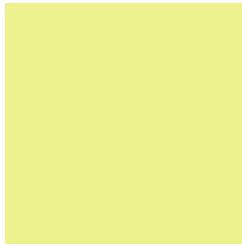
7, 0, 184



2, 0, 56

Previews

White Background



This preview shows how the RGB color 238, 242, 142 looks on a white background.

Color Contrast Check

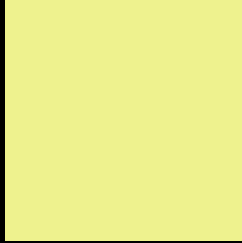
Large Text (above 18pt) WCAG AA × Fail

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 238, 242, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

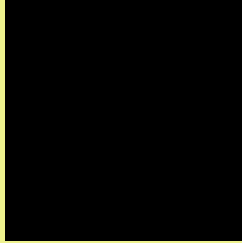
Any Text WCAG AA ✓ Pass

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 238, 242, 142 Background



This preview shows how black text looks on a background with the RGB color 238, 242, 142.

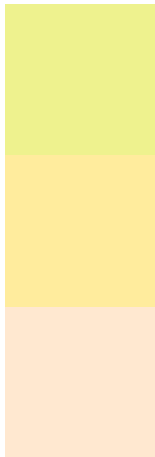


This preview shows how white text looks on a background with the RGB color 238, 242, 142.

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
238, 242, 142

Protanopia
255, 236, 157

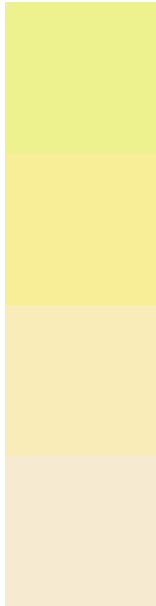
Deuteranopia
255, 232, 208



Tritanopia

250, 230, 248

Trichromacy



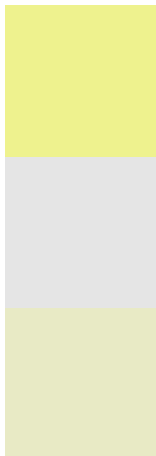
Original Color
238, 242, 142

Protanomaly
249, 238, 152

Deuteranomaly
249, 236, 184

Tritanomaly
246, 234, 209

Monochromacy



Original Color
238, 242, 142

Achromatopsia
229, 229, 229

Achromatomaly
232, 234, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 242, 142 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(238, 242, 142)` looks like.

```
.text, #text, p{  
    color:rgb(238, 242, 142)  
}
```

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(238, 242, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 242, 142) }
```

Border

The CSS property to change the border of an element to RGB 238, 242, 142 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(238, 242, 142) }
```

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

```
.border{ border-color:rgb(238, 242, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 242, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 242, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 242, 142);  
box-shadow:4px 4px 4px 4px rgb(238, 242,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 238, 242, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 242, 142) }
```

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

```
.background{ background-color: rgb(238,  
242, 142) }
```

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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