

Converting Colors

RGB(242, 242, 139)

Have a look what the booklet for
RGB(242, 242, 139) contains.

RGB(242, 242, 139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(242, 242, 139)

Conversions

Conversions Part 1

Format	Color
Hex	F2F28B
RGB	242, 242, 139
RGB Percent	95%, 95%, 55%
CMY	0.0510, 0.0510, 0.4549
CMYK	0.00, 0.00, 0.43, 0.05
HSL	60°, 80%, 75%
HSV	60°, 43%, 95%
XYZ	73.0303, 84.2456, 36.8380
YIQ	230.2580, 33.0630, -32.0330

Conversions

Conversions Part 2

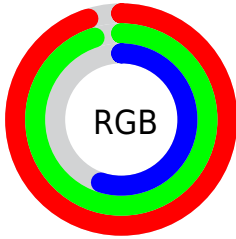
Format	Color
RYB	139, 242, 139
Decimal	15921803
CIELab	93.56, -14.27, 49.53
CIElCh	94, 51.545, 106.074
Yxy	84.2456, 0.3762, 0.4340
Android (android.graphics.Color)	4294111883 (0xFFFF2F28B)
YUV	230.2580, -44.9902, 10.2977
Hunter-Lab	91.7854, -18.5985, 40.4538

Details

The RGB color **242, 242, 139** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **139, 139, 242**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 194**, and **184, 186, 86** is the 20% darker color. If you saturate the color by 10%, you get **242, 242, 115**, and if you desaturate by 10%, it is **242, 242, 163**.

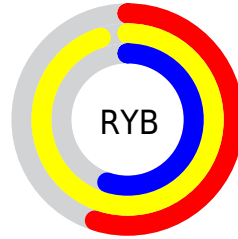
Distribution



Red (95%)

Green (95%)

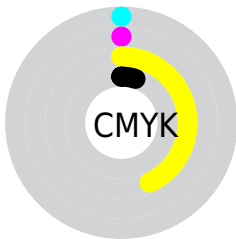
Blue (55%)



Red (55%)

Yellow (95%)

Blue (55%)

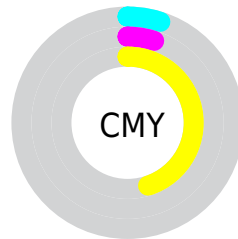


Cyan (0%)

Magenta (0%)

Yellow (43%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 242, 139 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 242, 242, 139 by changing the saturation by 10% instead.

 242, 242, 139

 242, 242, 139

255, 255, 255

 213, 214, 112

 255, 255, 194

 184, 186, 86

 255, 255, 223

 156, 159, 61

 255, 255, 252

 129, 133, 34

 102, 108, 0

 76, 84, 0

 51, 61, 0

 26, 39, 0


 0, 20, 0

 242, 242, 139


 242, 242, 139

 242, 242, 115


 242, 242, 163

 242, 242, 91


 242, 242, 187

 242, 242, 66

 242, 242, 212

 242, 242, 42

 242, 242, 236

 242, 242, 18

 242, 242, 255

 242, 242, 0

Harmonies

Analogous

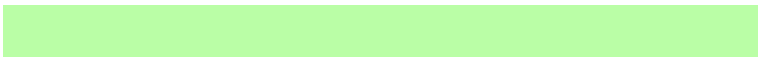
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 226, 140



242, 242, 139



186, 254, 166

Triad

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



242, 242, 139



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.



242, 242, 139



139, 139, 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, 214, 255



242, 242, 139



116, 248, 255

Square

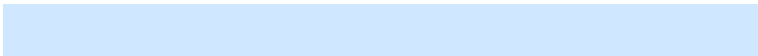
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 242, 139



0, 255, 255



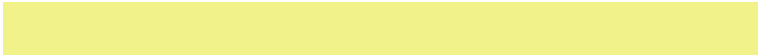
207, 232, 255



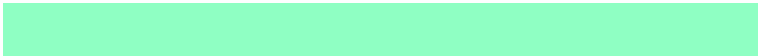
255, 198, 211

Rectangle

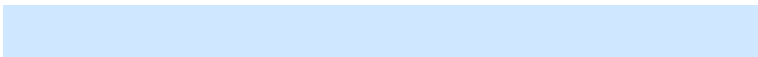
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 242, 139



143, 255, 195



207, 232, 255



255, 203, 255

Sweetspot

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



242, 242, 139



255, 255, 222



242, 139, 139



128, 128, 107



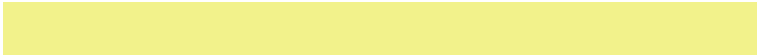
0, 0, 0



128, 128, 128

Same Dimension

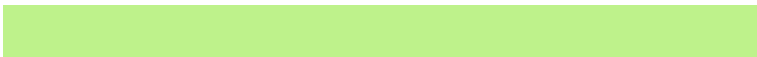
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 242, 139



255, 255, 125



190, 242, 139



120, 120, 108



184, 184, 0



56, 56, 0

Inverse Universe

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



139, 139, 242



125, 125, 255



190, 139, 242



108, 108, 120



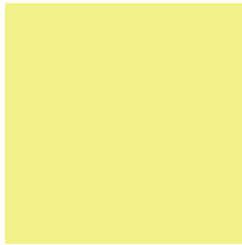
0, 0, 184



0, 0, 56

Previews

White Background



This preview shows how the RGB color 242, 242, 139 looks on a white background.

Color Contrast Check

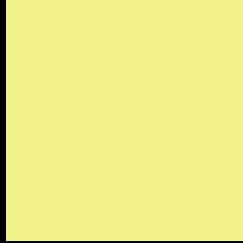
Large Text (above 18pt) WCAG AA × Fail

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 242, 242, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

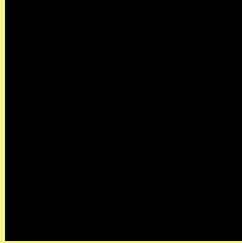
Any Text WCAG AA ✓ Pass

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 242, 242, 139 Background



This preview shows how black text looks on a background with the RGB color 242, 242, 139.

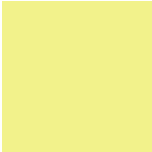
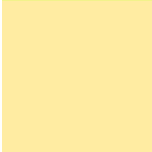
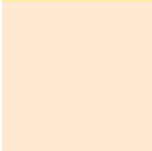


This preview shows how white text looks on a background with the RGB color 242, 242, 139.

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

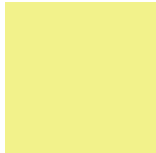
	Original Color 242, 242, 139
	Protanopia 255, 236, 162
	Deuteranopia 255, 233, 210



Tritanopia

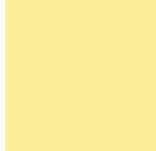
254, 229, 247

Trichromacy



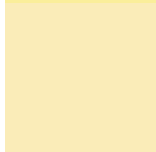
Original Color

242, 242, 139



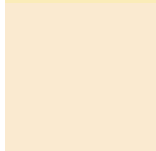
Protanomaly

250, 238, 154



Deuteranomaly

250, 236, 184



Tritanomaly

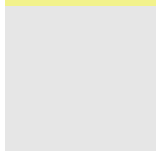
250, 234, 208

Monochromacy



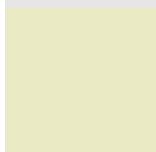
Original Color

242, 242, 139



Achromatopsia

230, 230, 230



Achromatomaly

234, 234, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 242, 139 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(242, 242, 139)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 139)  
}
```

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(242, 242, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 139) }
```

Border

The CSS property to change the border of an element to RGB 242, 242, 139 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(242, 242, 139) }
```

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

```
.border{ border-color:rgb(242, 242, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 242, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 139);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 242, 242, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 139) }
```

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

```
.background{ background-color: rgb(242,  
242, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor