

Converting Colors

RGB(234, 227, 141)

Have a look what the booklet for
RGB(234, 227, 141) contains.

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Color

RGB(234, 227, 141)

Conversions

Conversions Part 1

Format	Color
Hex	EAE38D
RGB	234, 227, 141
RGB Percent	92%, 89%, 55%
CMY	0.0824, 0.1098, 0.4471
CMYK	0.00, 0.03, 0.40, 0.08
HSL	55°, 69%, 74%
HSV	55°, 40%, 92%
XYZ	66.2085, 74.3537, 36.0614
YIQ	219.2890, 31.7780, -25.2620

Conversions

Conversions Part 2

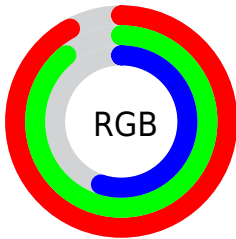
Format	Color
RYB	149, 234, 141
Decimal	15393677
CIELab	89.09, -9.74, 42.81
CIELCh	89, 43.908, 102.819
Yxy	74.3537, 0.3749, 0.4210
Android (android.graphics.Color)	4293583757 (0xFFEAE38D)
YUV	219.2890, -38.5965, 12.9015
Hunter-Lab	86.2286, -13.8432, 35.5645

Details

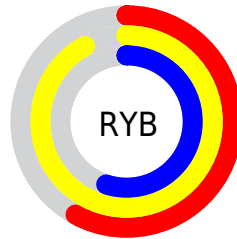
The RGB color **234, 227, 141** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **141, 148, 234**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 196**, and **177, 172, 89** is the 20% darker color. If you saturate the color by 10%, you get **234, 225, 118**, and if you desaturate by 10%, it is **234, 229, 164**.

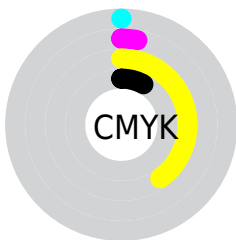
Distribution



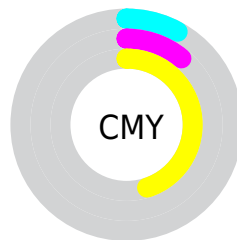
- Red (92%)
- Green (89%)
- Blue (55%)



- Red (58%)
- Yellow (92%)
- Blue (55%)



- Cyan (0%)
- Magenta (3%)
- Yellow (40%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 227, 141 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 234, 227, 141 by changing the saturation by 10% instead.

 234, 227, 141

 234, 227, 141

255, 255, 255

 205, 199, 115

 255, 255, 196

 177, 172, 89


 255, 255, 224

 149, 145, 64


255, 255, 253

 122, 120, 39

 96, 95, 12

 71, 72, 0

 46, 49, 0

 21, 29, 0

 0, 0, 0

 234, 227, 141

 234, 227, 141

 234, 225, 118

 234, 229, 164

 234, 223, 94

 234, 231, 188

 234, 222, 71

 234, 232, 211

 234, 220, 47

 234, 234, 235

 234, 218, 24

 234, 236, 255

 234, 216, 1

 234, 238, 255

 234, 216, 0

 234, 239, 255

 234, 241, 255

 234, 243, 255

Harmonies

Analogous

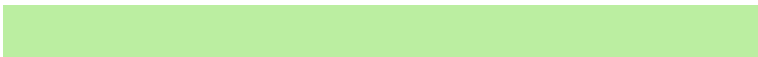
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 213, 144



234, 227, 141



187, 238, 161

Triad

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



234, 227, 141



66, 243, 255



255, 195, 250

Complementary

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



234, 227, 141



141, 148, 234

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.



252, 206, 255



234, 227, 141



124, 235, 255

Square

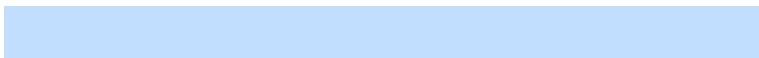
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 227, 141



82, 246, 241



193, 222, 255



255, 192, 207

Rectangle

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



234, 227, 141



153, 243, 184



193, 222, 255



255, 198, 255

Sweetspot

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



234, 227, 141



255, 253, 224



234, 141, 149



128, 126, 110



0, 0, 0



128, 128, 128

Same Dimension

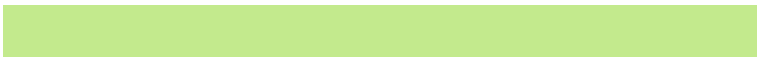
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234, 227, 141



255, 246, 133



195, 234, 141



117, 116, 106



181, 167, 0



54, 50, 0

Inverse Universe

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



141, 148, 234



133, 142, 255



180, 141, 234



106, 106, 117



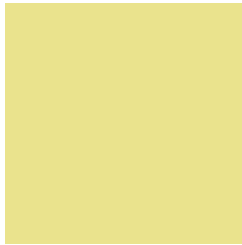
0, 14, 181



0, 4, 54

Previews

White Background



This preview shows how the RGB color 234, 227, 141 looks on a white background.

Color Contrast Check

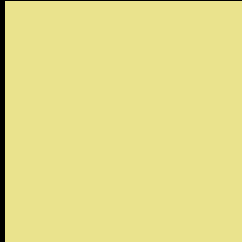
Large Text (above 18pt) WCAG AA × Fail

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 234, 227, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

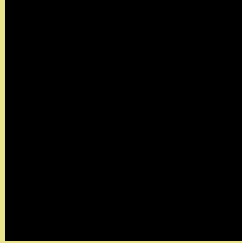
Any Text WCAG AA ✓ Pass

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 234, 227, 141 Background



This preview shows how black text looks on a background with the RGB color 234, 227, 141.



This preview shows how white text looks on a background with the RGB color 234, 227, 141.

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
234, 227, 141

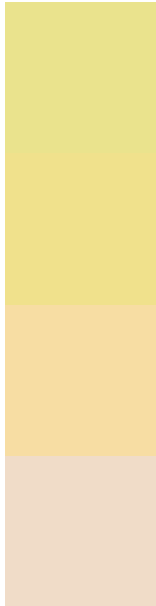
Protanopia
244, 224, 140

Deuteranopia
255, 217, 176



Tritanopia
244, 216, 233

Trichromacy



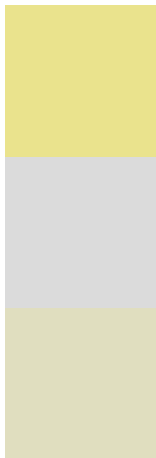
Original Color
234, 227, 141

Protanomaly
240, 225, 140

Deuteranomaly
247, 221, 163

Tritanomaly
240, 220, 200

Monochromacy



Original Color
234, 227, 141

Achromatopsia
219, 219, 219

Achromatomaly
224, 222, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 227, 141 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(234, 227, 141)` looks like.

```
.text, #text, p{  
    color:rgb(234, 227, 141)  
}
```

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(234, 227, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 227, 141) }
```

Border

The CSS property to change the border of an element to RGB 234, 227, 141 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(234, 227, 141) }
```

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

```
.border{ border-color:rgb(234, 227, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 227, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 227, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 227, 141);  
box-shadow:4px 4px 4px 4px rgb(234, 227,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 234, 227, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 227, 141) }
```

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

```
.background{ background-color: rgb(234,  
227, 141) }
```

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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