

Converting Colors

RGB(249, 232, 140)

Have a look what the booklet for
RGB(249, 232, 140) contains.

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Color

RGB(249, 232, 140)

Conversions

Conversions Part 1

Format	Color
Hex	F9E88C
RGB	249, 232, 140
RGB Percent	98%, 91%, 55%
CMY	0.0235, 0.0902, 0.4510
CMYK	0.00, 0.07, 0.44, 0.02
HSL	51°, 90%, 76%
HSV	51°, 44%, 98%
XYZ	72.6572, 79.7464, 36.3741
YIQ	226.5950, 39.6640, -25.0080

Conversions

Conversions Part 2

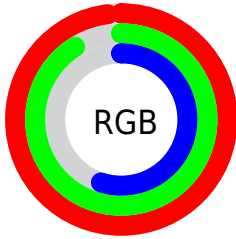
Format	Color
RYB	160, 249, 140
Decimal	16377996
CIELab	91.57, -6.49, 46.69
CIELCh	92, 47.143, 97.915
Yxy	79.7464, 0.3849, 0.4224
Android (android.graphics.Color)	4294568076 (0xFFFF9E88C)
YUV	226.5950, -42.6913, 19.6492
Hunter-Lab	89.3008, -11.0449, 38.3605

Details

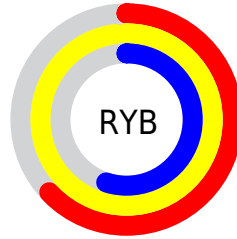
The RGB color **249, 232, 140** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **140, 157, 249**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 195**, and **191, 177, 88** is the 20% darker color. If you saturate the color by 10%, you get **249, 228, 115**, and if you desaturate by 10%, it is **249, 236, 165**.

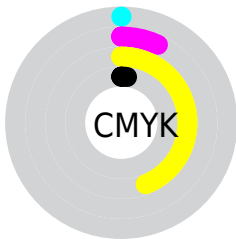
Distribution



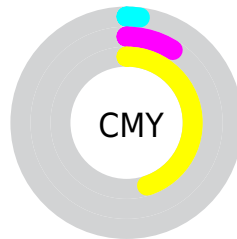
- Red (98%)
- Green (91%)
- Blue (55%)



- Red (63%)
- Yellow (98%)
- Blue (55%)



- Cyan (0%)
- Magenta (7%)
- Yellow (44%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 232, 140 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 249, 232, 140 by changing the saturation by 10% instead.


 249, 232, 140

 249, 232, 140


255, 255, 255

 220, 204, 114

 255, 255, 195

 191, 177, 88

 255, 255, 223

 163, 150, 62

 255, 255, 252

 135, 124, 37

 108, 100, 6

 82, 76, 0

 57, 53, 0

 32, 32, 0

 0, 11, 0

 249, 232, 140

 249, 232, 140

 249, 228, 115

 249, 236, 165

 249, 224, 90

 249, 240, 190

 249, 220, 65

 249, 244, 215

 249, 216, 40

 249, 248, 240

 249, 213, 15

 249, 251, 255

 249, 210, 0

 249, 255, 255

Harmonies

Analogous

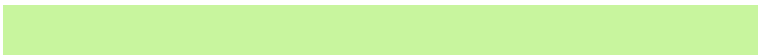
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 216, 148



249, 232, 140



200, 245, 158

Triad

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



249, 232, 140



34, 253, 255



255, 201, 255

Complementary

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



249, 232, 140



140, 157, 249

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, 215, 255



249, 232, 140



106, 245, 255

Square

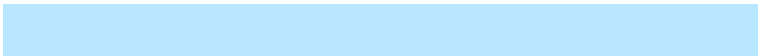
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 232, 140



80, 255, 242



185, 231, 255



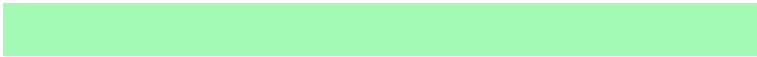
255, 196, 220

Rectangle

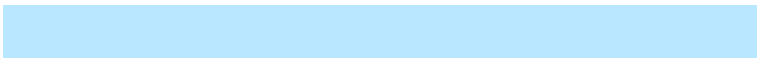
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 232, 140



163, 250, 181



185, 231, 255



255, 205, 255

Sweetspot

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



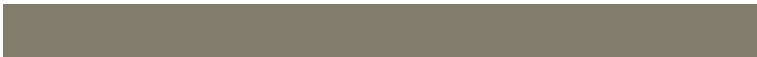
249, 232, 140



255, 250, 222



249, 140, 158



128, 124, 107



0, 0, 0



128, 128, 128

Same Dimension

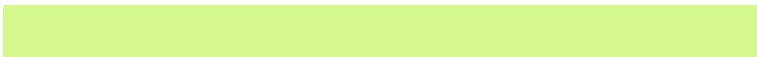
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 232, 140



255, 234, 120



213, 249, 140



125, 123, 112



189, 159, 0



61, 52, 0

Inverse Universe

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



140, 157, 249



120, 141, 255



176, 140, 249



112, 114, 125



0, 29, 189



0, 10, 61

Previews

White Background



This preview shows how the RGB color 249, 232, 140 looks on a white background.

Color Contrast Check

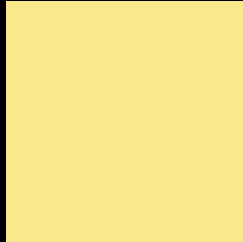
Large Text (above 18pt) WCAG AA × Fail

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 249, 232, 140 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 249, 232, 140 Background



This preview shows how black text looks on a background with the RGB color 249, 232, 140.

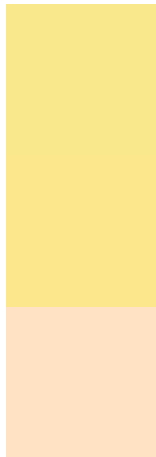


This preview shows how white text looks on a background with the RGB color 249, 232, 140.

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
249, 232, 140

Protanopia
252, 231, 140

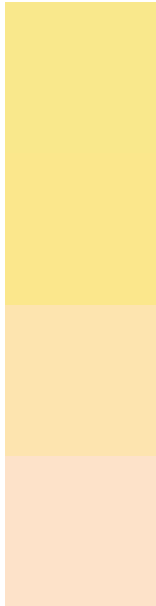
Deuteranopia
255, 226, 195



Tritanopia

255, 222, 236

Trichromacy



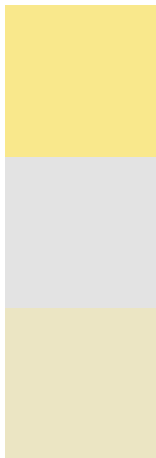
Original Color
249, 232, 140

Protanomaly
251, 231, 140

Deuteranomaly
253, 228, 175

Tritanomaly
253, 226, 201

Monochromacy



Original Color
249, 232, 140

Achromatopsia
227, 227, 227

Achromatomaly
235, 229, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 232, 140 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(249, 232, 140)` looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 140)  
}
```

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(249, 232, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 140) }
```

Border

The CSS property to change the border of an element to RGB 249, 232, 140 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(249, 232, 140) }
```

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

```
.border{ border-color:rgb(249, 232, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 232, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 140);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 249, 232, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 232, 140) }
```

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

```
.background{ background-color: rgb(249,  
232, 140) }
```

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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