

Converting Colors

RGB(250, 229, 129)

Have a look what the booklet for
RGB(250, 229, 129) contains.

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Color

RGB(250, 229, 129)

Conversions

Conversions Part 1

Format	Color
Hex	FAE581
RGB	250, 229, 129
RGB Percent	98%, 90%, 51%
CMY	0.0196, 0.1020, 0.4941
CMYK	0.00, 0.08, 0.48, 0.02
HSL	50°, 92%, 74%
HSV	50°, 48%, 98%
XYZ	71.4061, 77.9476, 32.0508
YIQ	223.8790, 44.6160, -26.6480

Conversions

Conversions Part 2

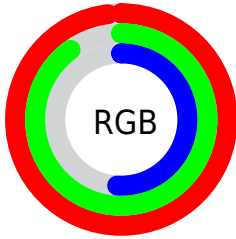
Format	Color
RYB	154, 250, 129
Decimal	16442753
CIELab	90.76, -5.62, 51.02
CIELCh	91, 51.328, 96.284
Yxy	77.9476, 0.3936, 0.4297
Android (android.graphics.Color)	4294632833 (0xFFFAE581)
YUV	223.8790, -46.7753, 22.9081
Hunter-Lab	88.2879, -10.1355, 40.2778

Details

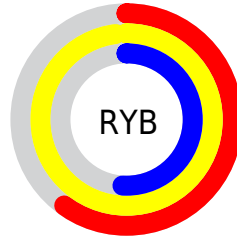
The RGB color **250, 229, 129** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **129, 150, 250**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 184**, and **191, 174, 77** is the 20% darker color. If you saturate the color by 10%, you get **250, 225, 104**, and if you desaturate by 10%, it is **250, 233, 154**.

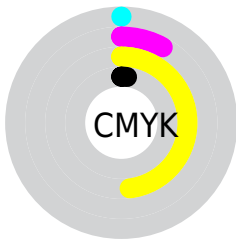
Distribution



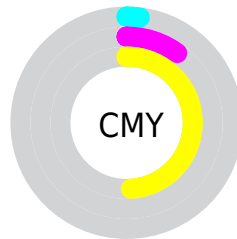
- Red (98%)
- Green (90%)
- Blue (51%)



- Red (60%)
- Yellow (98%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (48%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 250, 229, 129 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 250, 229, 129 by changing the saturation by 10% instead.

 250, 229, 129

255, 255, 255


 255, 255, 184


 255, 255, 212

 255, 255, 241

 250, 229, 129

 220, 201, 103

 191, 174, 77


 163, 147, 51

 135, 122, 23

 108, 97, 0

 82, 73, 0

 56, 51, 0

 31, 30, 0


 0, 5, 0

 250, 229, 129


 250, 229, 129

 250, 225, 104


 250, 233, 154

 250, 220, 79

 250, 238, 179

 250, 216, 54

 250, 242, 204

 250, 212, 29

 250, 246, 229

 250, 207, 4

 250, 251, 254

 250, 207, 0

 250, 255, 255

Harmonies

Analogous

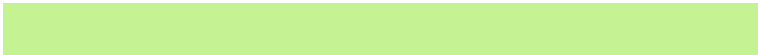
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 212, 139



250, 229, 129



197, 243, 147

Triad

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



250, 229, 129



0, 252, 255



255, 196, 255

Complementary

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



250, 229, 129



129, 150, 250

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.



247, 212, 255



250, 229, 129



67, 244, 255

Square

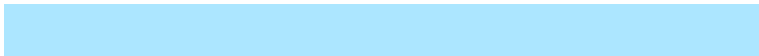
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 229, 129



45, 255, 238



172, 230, 255



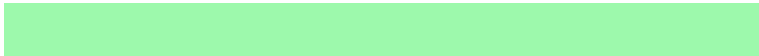
255, 189, 220

Rectangle

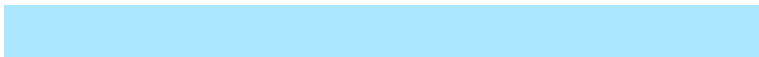
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250, 229, 129



157, 249, 172



172, 230, 255



255, 200, 255

Sweetspot

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



250, 229, 129



255, 248, 217



250, 129, 151



128, 124, 105



0, 0, 0



128, 128, 128

Same Dimension

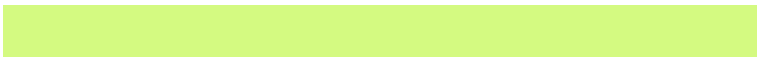
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250, 229, 129



255, 229, 107



212, 250, 129



125, 123, 112



189, 156, 0



61, 51, 0

Inverse Universe

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



129, 150, 250



107, 133, 255



167, 129, 250



112, 115, 125



0, 33, 189



0, 11, 61

Previews

White Background



This preview shows how the RGB color 250, 229, 129 looks on a white background.

Color Contrast Check

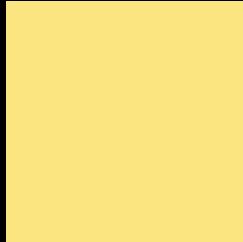
Large Text (above 18pt) WCAG AA × Fail

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 250, 229, 129 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 250, 229, 129 Background



This preview shows how black text looks on a background with the RGB color 250, 229, 129.

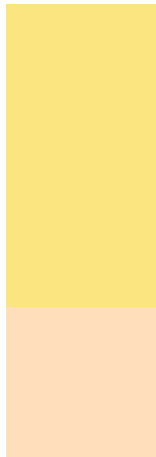


This preview shows how white text looks on a background with the RGB color 250, 229, 129.

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
250, 229, 129

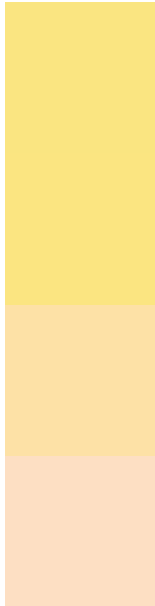
Protanopia
251, 229, 129

Deuteranopia
255, 223, 187



Tritanopia
255, 219, 233

Trichromacy



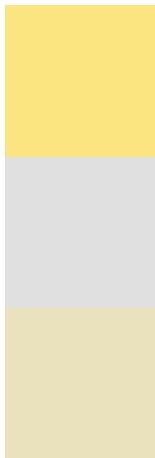
Original Color
250, 229, 129

Protanomaly
251, 229, 129

Deuteranomaly
253, 225, 166

Tritanomaly
253, 223, 195

Monochromacy



Original Color
250, 229, 129

Achromatopsia
224, 224, 224

Achromatomaly
233, 226, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 229, 129 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(250, 229, 129)` looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 129)  
}
```

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(250, 229, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 129) }
```

Border

The CSS property to change the border of an element to RGB 250, 229, 129 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(250, 229, 129) }
```

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

```
.border{ border-color:rgb(250, 229, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 229, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 229, 129);  
box-shadow:4px 4px 4px 4px rgb(250, 229,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 250, 229, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 129) }
```

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

```
.background{ background-color: rgb(250,  
229, 129) }
```

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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