

Converting Colors

RGB(250, 249, 130)

Have a look what the booklet for
RGB(250, 249, 130) contains.

RGB(250, 249, 130)	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(250, 249, 130)

Conversions

Conversions Part 1

Format	Color
Hex	FAF982
RGB	250, 249, 130
RGB Percent	98%, 98%, 51%
CMY	0.0196, 0.0235, 0.4902
CMYK	0.00, 0.00, 0.48, 0.02
HSL	60°, 92%, 75%
HSV	60°, 48%, 98%
XYZ	77.3293, 89.6871, 34.3547
YIQ	235.7330, 38.7950, -36.7970

Conversions

Conversions Part 2

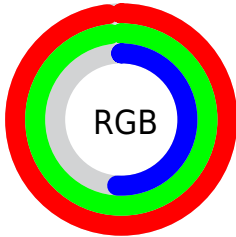
Format	Color
RYB	131, 250, 130
Decimal	16447874
CIELab	95.87, -15.41, 56.72
CIELCh	96, 58.774, 105.202
Yxy	89.6871, 0.3840, 0.4454
Android (android.graphics.Color)	4294637954 (0xFFFAF982)
YUV	235.7330, -52.1264, 12.5122
Hunter-Lab	94.7033, -19.9778, 44.7841

Details

The RGB color **250, 249, 130** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **130, 131, 250**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 185**, and **191, 193, 76** is the 20% darker color. If you saturate the color by 10%, you get **250, 249, 105**, and if you desaturate by 10%, it is **250, 249, 155**.

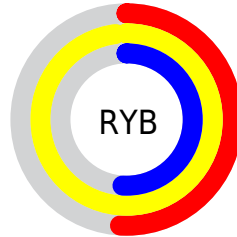
Distribution



Red (98%)

Green (98%)

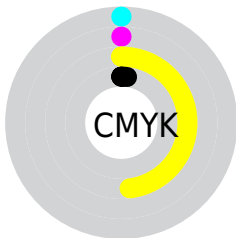
Blue (51%)



Red (51%)

Yellow (98%)

Blue (51%)

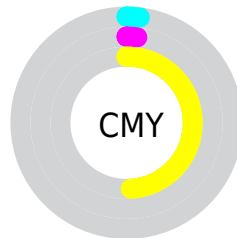


Cyan (0%)

Magenta (0%)

Yellow (48%)

Black (2%)



Cyan (2%)

Magenta (2%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 250, 249, 130 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, 249, 130 by changing the saturation by 10% instead.

 250, 249, 130

255, 255, 255


 255, 255, 185


 255, 255, 214

 255, 255, 243

 250, 249, 130


 220, 221, 103

 191, 193, 76

 163, 166, 49

 135, 139, 18

 108, 114, 0

 81, 90, 0

 55, 66, 0

 30, 44, 0


 0, 25, 0

 250, 249, 130


 250, 249, 130

 250, 249, 105

 250, 249, 155

 250, 249, 80

 250, 249, 180

 250, 248, 55

 250, 250, 205

 250, 248, 30

 250, 250, 230

 250, 248, 5

 250, 250, 255

 250, 248, 0

 250, 250, 255

 250, 250, 255

 250, 251, 255

 250, 251, 255

Harmonies

Analogous

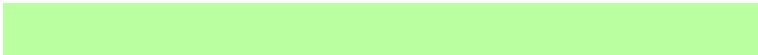
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 230, 132



250, 249, 130



186, 255, 160

Triad

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



250, 249, 130



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.



250, 249, 130



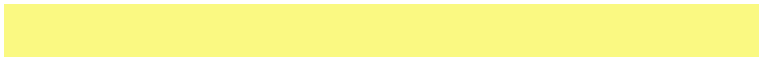
130, 131, 250

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.



255, 217, 255



250, 249, 130



79, 255, 255

Square

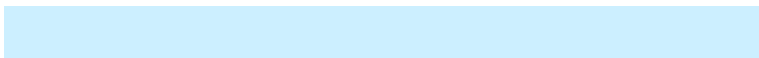
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250, 249, 130



0, 255, 255



204, 239, 255



255, 197, 216

Rectangle

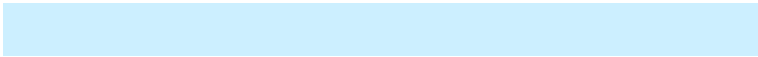
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250, 249, 130



135, 255, 193



204, 239, 255



255, 205, 255

Sweetspot

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



250, 249, 130



255, 255, 219



250, 130, 132



128, 127, 106



0, 0, 0



128, 128, 128

Same Dimension

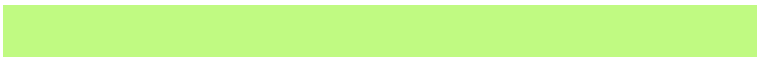
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250, 249, 130



255, 254, 107



192, 250, 130



125, 125, 112



189, 187, 0



61, 61, 0

Inverse Universe

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



130, 131, 250



107, 108, 255



188, 130, 250



112, 113, 125



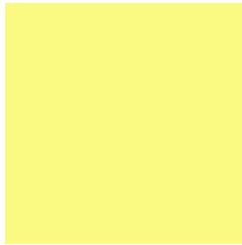
0, 2, 189



0, 1, 61

Previews

White Background



This preview shows how the RGB color 250, 249, 130 looks on a white background.

Color Contrast Check

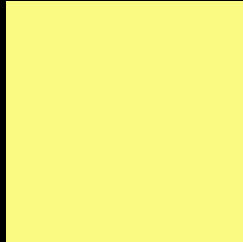
Large Text (above 18pt) WCAG AA × Fail

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, 249, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

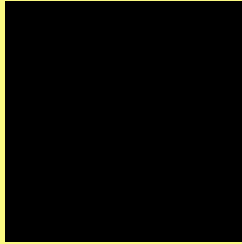
Any Text WCAG AA ✓ Pass

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, 249, 130 Background



This preview shows how black text looks on a background with the RGB color 250, 249, 130.

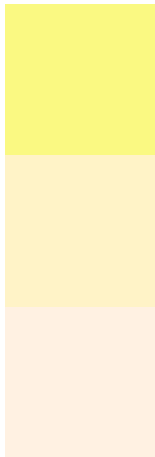


This preview shows how white text looks on a background with the RGB color 250, 249, 130.

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, 249, 130

Protanopia
255, 243, 199

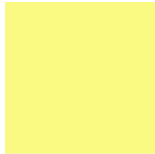
Deuteranopia
255, 241, 226



Tritanopia

255, 238, 249

Trichromacy



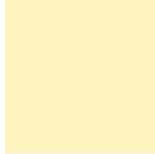
Original Color

250, 249, 130



Protanomaly

253, 245, 174



Deuteranomaly

253, 244, 191



Tritanomaly

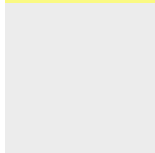
253, 242, 206

Monochromacy



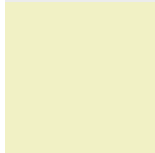
Original Color

250, 249, 130



Achromatopsia

236, 236, 236



Achromatomaly

241, 241, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 249, 130 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, 249, 130)` looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 130)  
}
```

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, 249, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 130) }
```

Border

The CSS property to change the border of an element to RGB 250, 249, 130 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, 249, 130) }
```

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

```
.border{ border-color:rgb(250, 249, 130) }
```

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

Here you see how a box with a 4 pixel rgb(250, 249, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 130);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 250, 249, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 249, 130) }
```

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

```
.background{ background-color: rgb(250,  
249, 130) }
```

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