

Converting Colors

RGB(253, 232, 141)

Have a look what the booklet for
RGB(253, 232, 141) contains.

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Color

RGB(253, 232, 141)

Conversions

Conversions Part 1

Format	Color
Hex	FDE88D
RGB	253, 232, 141
RGB Percent	99%, 91%, 55%
CMY	0.0078, 0.0902, 0.4471
CMYK	0.00, 0.08, 0.44, 0.01
HSL	49°, 97%, 77%
HSV	49°, 44%, 99%
XYZ	74.1723, 80.5190, 36.8317
YIQ	227.9050, 41.7270, -23.8490

Conversions

Conversions Part 2

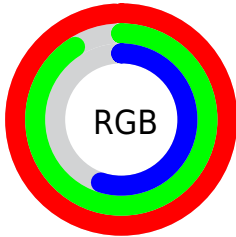
Format	Color
RYB	167, 253, 141
Decimal	16640141
CIELab	91.92, -4.83, 46.71
CIElCh	92, 46.960, 95.902
Yxy	80.5190, 0.3873, 0.4204
Android (android.graphics.Color)	4294830221 (0xFFFDE88D)
YUV	227.9050, -42.8442, 22.0083
Hunter-Lab	89.7324, -9.4844, 38.4764

Details

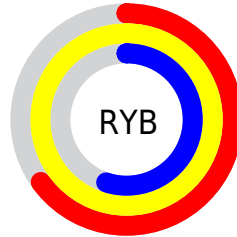
The RGB color **253, 232, 141** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **141, 162, 253**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 196**, and **195, 177, 89** is the 20% darker color. If you saturate the color by 10%, you get **253, 227, 116**, and if you desaturate by 10%, it is **253, 237, 166**.

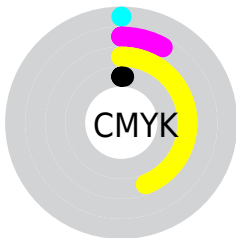
Distribution



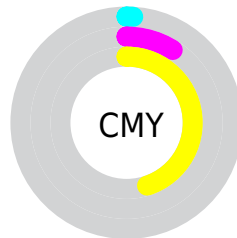
- Red (99%)
- Green (91%)
- Blue (55%)



- Red (65%)
- Yellow (99%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (44%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 232, 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 253, 232, 141 by changing the saturation by 10% instead.

 253, 232, 141

255, 255, 255

 255, 255, 196


 255, 255, 224

255, 255, 253


 253, 232, 141

 223, 204, 115

 195, 177, 89

 166, 150, 63

 138, 124, 38

 111, 100, 8

 85, 76, 0

 60, 53, 0

 35, 32, 0

 0, 10, 0

■ 253, 232, 141

■ 253, 232, 141

■ 253, 227, 116

■ 253, 237, 166

■ 253, 223, 90

■ 253, 241, 192

■ 253, 218, 65

■ 253, 246, 217

■ 253, 213, 40

■ 253, 251, 242

■ 253, 208, 15

253, 255, 255

■ 253, 206, 0

Harmonies

Analogous

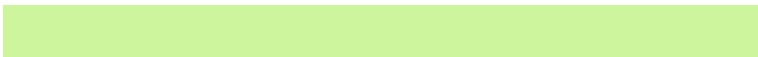
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 216, 150



253, 232, 141



205, 245, 157

Triad

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



253, 232, 141



40, 254, 255



255, 202, 255

Complementary

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



253, 232, 141



141, 162, 253

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.



249, 217, 255



253, 232, 141



102, 246, 255

Square

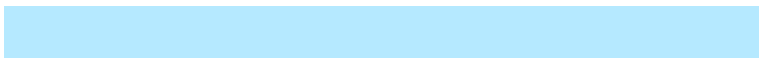
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 232, 141



87, 255, 240



181, 233, 255



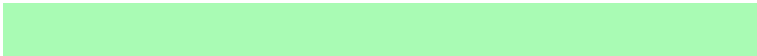
255, 197, 224

Rectangle

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



253, 232, 141



169, 251, 180



181, 233, 255



255, 207, 255

Sweetspot

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



253, 232, 141



255, 249, 222



253, 141, 163



128, 124, 107



0, 0, 0



128, 128, 128

Same Dimension

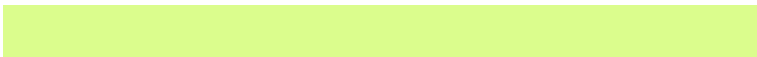
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 232, 141



255, 230, 120



219, 253, 141



128, 125, 115



191, 155, 0



64, 52, 0

Inverse Universe

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



141, 162, 253



120, 145, 255



175, 141, 253



115, 117, 128



0, 36, 191



0, 12, 64

Previews

White Background



This preview shows how the RGB color 253, 232, 141 looks on a white background.

Color Contrast Check

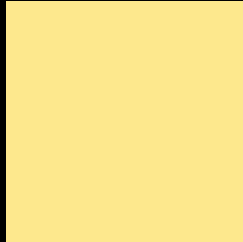
Large Text (above 18pt) WCAG AA × Fail

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 253, 232, 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 253, 232, 141 Background



This preview shows how black text looks on a background with the RGB color 253, 232, 141.

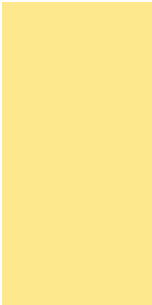



This preview shows how white text looks on a background with the RGB color 253, 232, 141.

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

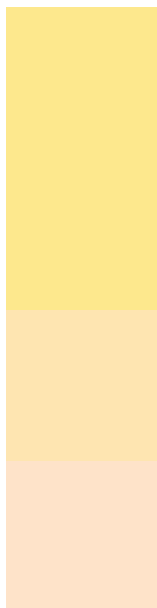
	Original Color 253, 232, 141
	Protanopia 253, 232, 141
	Deuteranopia 255, 227, 198



Tritanopia

255, 224, 236

Trichromacy



Original Color

253, 232, 141

Protanomaly

253, 232, 141

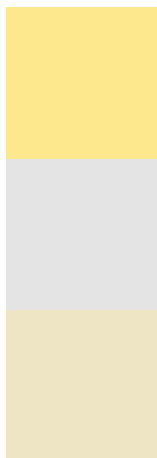
Deuteranomaly

254, 229, 177

Tritanomaly

254, 227, 201

Monochromacy



Original Color

253, 232, 141

Achromatopsia

228, 228, 228

Achromatomaly

237, 229, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 232, 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(253, 232, 141)` looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 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(253, 232, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 141) }
```

Border

The CSS property to change the border of an element to RGB 253, 232, 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(253, 232, 141) }
```

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

```
.border{ border-color:rgb(253, 232, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 232, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 141);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 253, 232, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 141) }
```

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

```
.background{ background-color: rgb(253,  
232, 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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