

Converting Colors

RGB(255, 255, 145)

Have a look what the booklet for
RGB(255, 255, 145) contains.

RGB(255, 255, 145)	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(255, 255, 145)

Conversions

Conversions Part 1	
Format	Color
Hex	FFFF91
RGB	255, 255, 145
RGB Percent	100%, 100%, 57%
CMY	0.0000, 0.0000, 0.4314
CMYK	0.00, 0.00, 0.43, 0.00
HSL	60°, 100%, 78%
HSV	60°, 43%, 100%
XYZ	82.1108, 94.8243, 40.7633
YIQ	242.4600, 35.3100, -34.2100

Conversions

Conversions Part 2

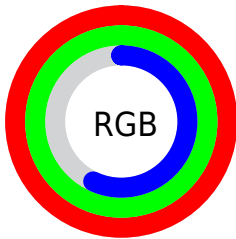
Format	Color
RYB	145, 255, 145
Decimal	16777105
CIELab	97.96, -15.02, 52.34
CIELCh	98, 54.455, 106.010
Yxy	94.8243, 0.3772, 0.4356
Android (android.graphics.Color)	4294967185 (0xFFFFFFFF91)
YUV	242.4600, -48.0478, 10.9976
Hunter-Lab	97.3778, -19.8965, 43.3451

Details

The RGB color **255, 255, 145** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **145, 145, 255**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 201**, and **196, 198, 92** is the 20% darker color. If you saturate the color by 10%, you get **255, 255, 120**, and if you desaturate by 10%, it is **255, 255, 171**.

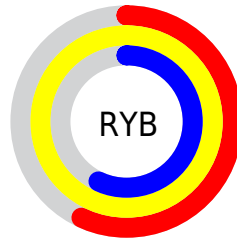
Distribution



Red (100%)

Green (100%)

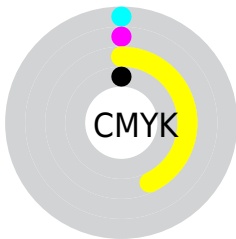
Blue (57%)



Red (57%)

Yellow (100%)

Blue (57%)

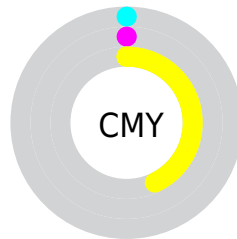


Cyan (0%)

Magenta (0%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (0%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 255, 145 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 255, 255, 145 by changing the saturation by 10% instead.

 255, 255, 145

 255, 255, 145


255, 255, 255

 225, 226, 118

 255, 255, 201

 196, 198, 92

 255, 255, 229

 168, 171, 66

 140, 145, 39

 113, 119, 4

 87, 95, 0

 61, 71, 0

 36, 49, 0


 6, 29, 0

 255, 255, 145


 255, 255, 145

 255, 255, 120


 255, 255, 171

 255, 255, 94


 255, 255, 196

 255, 255, 68

 255, 255, 222

 255, 255, 43

 255, 255, 247

 255, 255, 17

255, 255, 255

 255, 255, 0

Harmonies

Analogous

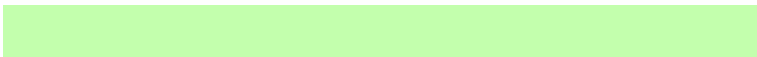
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 237, 146



255, 255, 145



195, 255, 173

Triad

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



255, 255, 145



0, 255, 255



255, 210, 255

Complementary

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



255, 255, 145



145, 145, 255

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, 225, 255



255, 255, 145



118, 255, 255

Square

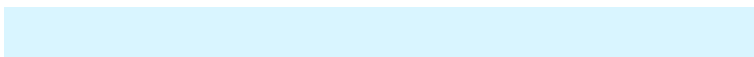
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 255, 145



0, 255, 255



217, 245, 255



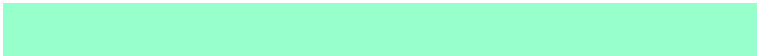
255, 208, 223

Rectangle

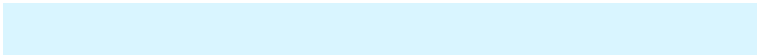
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 255, 145



150, 255, 204



217, 245, 255



255, 214, 255

Sweetspot

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



255, 255, 145



255, 255, 222



255, 145, 145



128, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

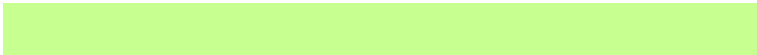
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 255, 145



255, 255, 122



200, 255, 145



128, 128, 115



191, 191, 0



64, 64, 0

Inverse Universe

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



145, 145, 255



122, 122, 255



200, 145, 255



115, 115, 128



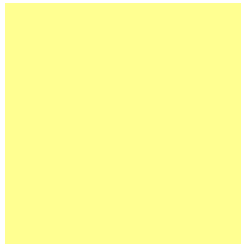
0, 0, 191



0, 0, 64

Previews

White Background



This preview shows how the RGB color 255, 255, 145 looks on a white background.

Color Contrast Check

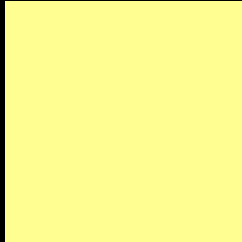
Large Text (above 18pt) WCAG AA × Fail

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 255, 255, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

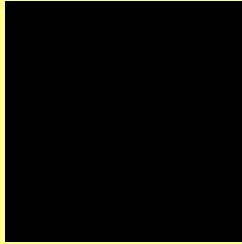
Any Text WCAG AA ✓ Pass

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 255, 255, 145 Background



This preview shows how black text looks on a background with the RGB color 255, 255, 145.



This preview shows how white text looks on a background with the RGB color 255, 255, 145.

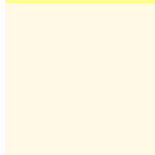
Color Blindness Simulation

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](#).

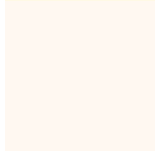
Dichromacy



Original Color
255, 255, 145



Protanopia
255, 249, 229



Deuteranopia
255, 248, 241



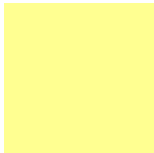
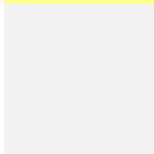
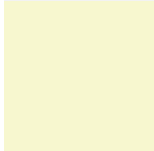
Tritanopia

255, 247, 253

Trichromacy

	Original Color 255, 255, 145
	Protanomaly 255, 251, 198
	Deuteranomaly 255, 251, 206
	Tritanomaly 255, 250, 214

Monochromacy

	Original Color 255, 255, 145
	Achromatopsia 242, 242, 242
	Achromatomaly 247, 247, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 255, 145 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(255, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 145)  
}
```

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(255, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 145) }
```

Border

The CSS property to change the border of an element to RGB 255, 255, 145 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(255, 255, 145) }
```

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

```
.border{ border-color:rgb(255, 255, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 255, 255, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 145) }
```

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

```
.background{ background-color: rgb(255,  
255, 145) }
```

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