Converting Colors

RGB(246, 255, 168)

Have a look what the booklet for RGB(246, 255, 168) contains.

Color

RGB(246, 255, 168)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFA8
RGB	246, 255, 168
RGB Percent	96%, 100%, 66%
CMY	0.0353, 0.0000, 0.3412
CMYK	0.04, 0.00, 0.34, 0.00
HSL	66°, 100%, 83%
HSV	66°, 34%, 100%
XYZ	80.8339, 93.9400, 50.9176
YIQ	242.3910, 22.5630, -28.9650

Conversions

Conversions Part 2

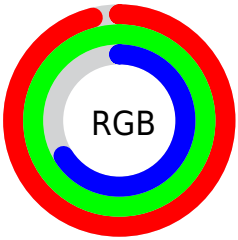
Format	Color
RYB	168, 255, 177
Decimal	16187304
CIELab	97.61, -15.97, 40.64
CIELCh	98, 43.662, 111.453
Yxy	93.9400, 0.3582, 0.4162
Android (android.graphics.Color)	4294377384 (0xFFF6FFA8)
YUV	242.3910, -36.6748, 3.1651
Hunter-Lab	96.9226, -20.7448, 36.6983

Details

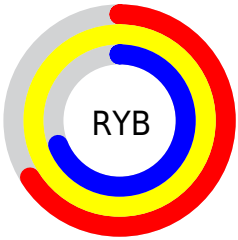
The RGB color 246, 255, 168 is a light color, and the websafe version is hex FFFF99. A complement of this color would be 177, 168, 255, and the grayscale version is 243, 243, 243.

A 20% lighter version of the original color is 255, 255, 224, and 189, 198, 115 is the 20% darker color. If you saturate the color by 10%, you get 243, 255, 143, and if you desaturate by 10%, it is 249, 255, 194.

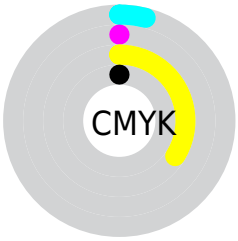
Distribution



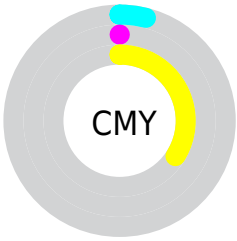
- Red (96%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 255, 168 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 246, 255, 168 by changing the saturation by 10% instead.

246, 255, 168

255, 255, 255

255, 255, 224

255, 255, 253

246, 255, 168

217, 226, 141

189, 198, 115

161, 171, 89

134, 145, 64

107, 119, 40

82, 94, 13

57, 71, 0

33, 48, 0

1, 28, 0

246, 255, 168

243, 255, 143

241, 255, 117

238, 255, 91

235, 255, 66

233, 255, 40

230, 255, 15

229, 255, 0

246, 255, 168

249, 255, 194

251, 255, 219

254, 255, 245

255, 255, 255

Harmonies

Analogous

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

255, 241, 164

246, 255, 168

197, 255, 194

Triad

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

246, 255, 168

114, 255, 255

255, 217, 255

Complementary

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

246, 255, 168

177, 168, 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, 227, 255

246, 255, 168

171, 255, 255

Square

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

246, 255, 168

105, 255, 255

237, 242, 255

255, 217, 219

Rectangle

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

246, 255, 168

163, 255, 220

237, 242, 255

255, 219, 255

Sweetspot

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

246, 255, 168

252, 255, 230

255, 177, 168

126, 128, 112

0, 0, 0

128, 128, 128

Same Dimension

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

246, 255, 168

244, 255, 150

203, 255, 168

126, 128, 115

171, 191, 0

57, 64, 0

Inverse Universe

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

177, 168, 255

161, 150, 255

220, 168, 255

116, 115, 128

20, 0, 191

7, 0, 64

Previews

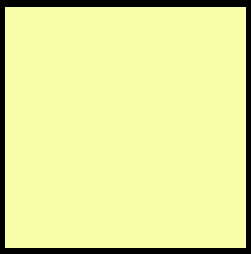
White Background

This preview shows how the RGB color 246, 255, 168 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



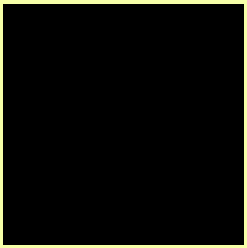
This preview shows how the RGB color 246, 255, 168 looks on a black background.

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 246, 255, 168 Background



This preview shows how black text looks on a background with the RGB color 246, 255, 168.

This preview shows how white text looks on a background with the RGB color 246, 255, 168.

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
246, 255, 168

Protanopia
255, 248, 225

Deuteranopia
255, 247, 239

Tritanopia
253, 246, 255

Trichromacy

Original Color
246, 255, 168

Protanomaly
252, 251, 204

Deuteranomaly
252, 250, 213

Tritanomaly
250, 249, 223

Monochromacy

Original Color
246, 255, 168

Achromatopsia
242, 242, 242

Achromatomaly
243, 247, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 255, 168 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(246, 255, 168) looks like.

```
.text, #text, p{
    color:rgb(246, 255, 168)
}
```

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(246, 255, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 168) }
```

Border

The CSS property to change the border of an element to RGB 246, 255, 168 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(246, 255, 168) }
```

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

```
.border{ border-color:rgb(246, 255, 168) }
```

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

Here you see how a box with a 4 pixel rgb(246, 255, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 255, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 255, 168); box-shadow:4px 4px 4px 4px rgb(246, 255, 168) }
```

Background

The CSS property to change the background color of an element to RGB 246, 255, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(246, 255, 168) }
```

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

```
.background{ background-color:rgb(246,
255, 168) }
```

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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