

Converting Colors

RGB(246, 247, 161)

Have a look what the booklet for
RGB(246, 247, 161) contains.

RGB(246, 247, 161)	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(246, 247, 161)

Conversions

Conversions Part 1

Format	Color
Hex	F6F7A1
RGB	246, 247, 161
RGB Percent	96%, 97%, 63%
CMY	0.0353, 0.0314, 0.3686
CMYK	0.00, 0.00, 0.35, 0.03
HSL	61°, 84%, 80%
HSV	61°, 35%, 97%
XYZ	77.6998, 88.6876, 46.7414
YIQ	236.8970, 27.0100, -26.9580

Conversions

Conversions Part 2

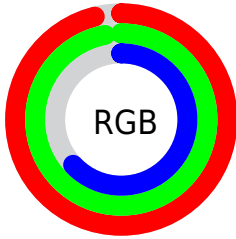
Format	Color
R_{YB}	161, 247, 162
Decimal	16185249
CIE _{Lab}	95.45, -12.87, 41.28
CIE _{LCh}	95, 43.242, 107.315
Yxy	88.6876, 0.3646, 0.4161
Android (android.graphics.Color)	4294375329 (0xFFFF6F7A1)
YUV	236.8970, -37.4172, 7.9833
Hunter-Lab	94.1741, -17.5304, 36.4945

Details

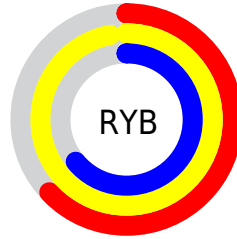
The RGB color **246, 247, 161** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **162, 161, 247**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 217**, and **189, 191, 108** is the 20% darker color. If you saturate the color by 10%, you get **246, 247, 136**, and if you desaturate by 10%, it is **246, 247, 186**.

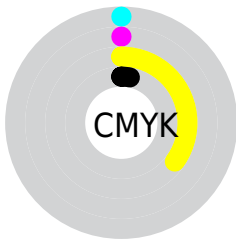
Distribution



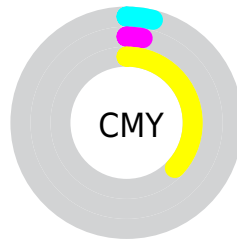
- Red (96%)
- Green (97%)
- Blue (63%)



- Red (63%)
- Yellow (97%)
- Blue (64%)



- Cyan (0%)
- Magenta (0%)
- Yellow (35%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 246, 247, 161 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, 247, 161 by changing the saturation by 10% instead.

 246, 247, 161

255, 255, 255


 255, 255, 217

 255, 255, 245

 246, 247, 161


 217, 219, 134

 189, 191, 108

 161, 164, 83

 134, 137, 58

 107, 112, 33

 81, 88, 5

 57, 65, 0

 33, 43, 0

 0, 23, 0

 246, 247, 161

 246, 247, 161

 246, 247, 136


 246, 247, 186

 245, 247, 112


 247, 247, 210

 245, 247, 87


 247, 247, 235

 245, 247, 62

 247, 247, 255

 245, 247, 37

 247, 247, 255

 244, 247, 13

 248, 247, 255

 244, 247, 0

 248, 247, 255

 248, 247, 255

 249, 247, 255

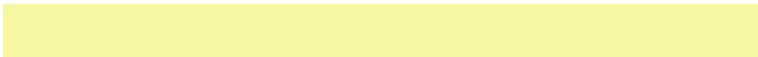
Harmonies

Analogous

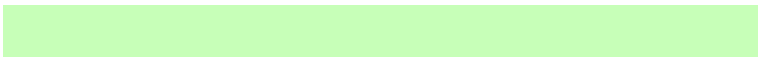
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 233, 161



246, 247, 161



199, 255, 184

Triad

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



246, 247, 161



103, 255, 255



255, 212, 255

Complementary

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



246, 247, 161



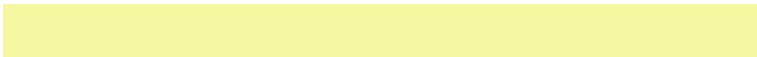
162, 161, 247

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, 223, 255



246, 247, 161



157, 251, 255

Square

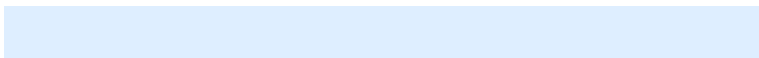
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246, 247, 161



104, 255, 255



222, 238, 255



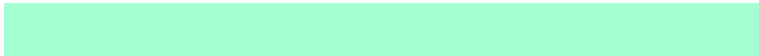
255, 211, 219

Rectangle

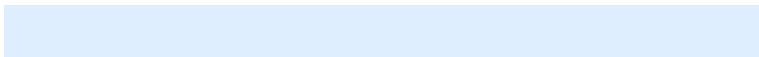
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 247, 161



165, 255, 208



222, 238, 255



255, 215, 255

Sweetspot

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



246, 247, 161



255, 255, 230



247, 161, 161



127, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

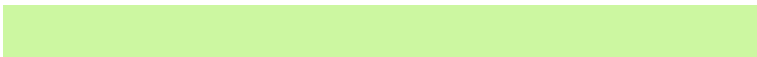
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246, 247, 161



254, 255, 148



204, 247, 161



122, 122, 110



184, 186, 0



58, 59, 0

Inverse Universe

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



162, 161, 247



149, 148, 255



204, 161, 247



110, 110, 122



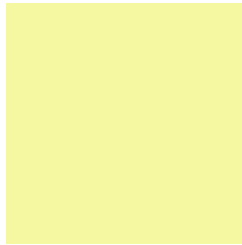
2, 0, 186



1, 0, 59

Previews

White Background



This preview shows how the RGB color 246, 247, 161 looks on a white background.

Color Contrast Check

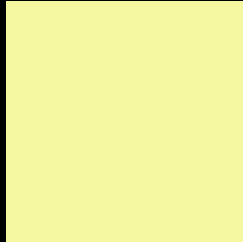
Large Text (above 18pt) WCAG AA × Fail

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, 247, 161 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, 247, 161 Background



This preview shows how black text looks on a background with the RGB color 246, 247, 161.

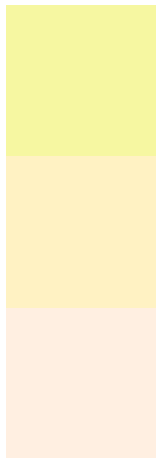


This preview shows how white text looks on a background with the RGB color 246, 247, 161.

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, 247, 161

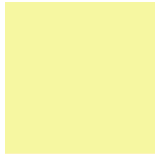
Protanopia
255, 242, 195

Deuteranopia
255, 239, 225



Tritanopia
255, 236, 252

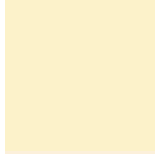
Trichromacy



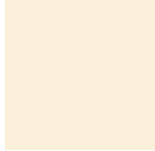
Original Color
246, 247, 161



Protanomaly
252, 244, 183



Deuteranomaly
252, 242, 202

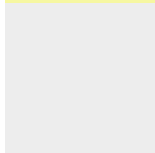


Tritanomaly
252, 240, 219

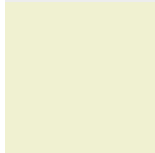
Monochromacy



Original Color
246, 247, 161



Achromatopsia
237, 237, 237



Achromatomaly
240, 241, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 247, 161 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, 247, 161)` looks like.

```
.text, #text, p{  
    color:rgb(246, 247, 161)  
}
```

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, 247, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 247, 161) }
```

Border

The CSS property to change the border of an element to RGB 246, 247, 161 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, 247, 161) }
```

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

```
.border{ border-color:rgb(246, 247, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 247, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 247, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 247, 161);  
box-shadow:4px 4px 4px 4px rgb(246, 247,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 246, 247, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 247, 161) }
```

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

```
.background{ background-color: rgb(246,  
247, 161) }
```

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