

# Converting Colors

RGB(246, 227, 150)

Have a look what the booklet for  
RGB(246, 227, 150) contains.

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# **Color**

**RGB(246, 227, 150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6E396
RGB	246, 227, 150
RGB Percent	96%, 89%, 59%
CMY	0.0353, 0.1098, 0.4118
CMYK	0.00, 0.08, 0.39, 0.04
HSL	48°, 84%, 78%
HSV	48°, 39%, 96%
XYZ	70.9801, 76.7330, 39.9241
YIQ	223.9030, 36.0410, -19.9190

# Conversions

## Conversions Part 2

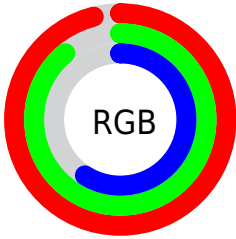
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 246, 150
Decimal	16180118
CIELab	90.20, -4.12, 39.95
CIElCh	90, 40.164, 95.890
Yxy	76.7330, 0.3783, 0.4089
Android (android.graphics.Color)	4294370198 (0xFFFF6E396)
YUV	223.9030, -36.4342, 19.3791
Hunter-Lab	87.5974, -8.6569, 34.2957

# Details

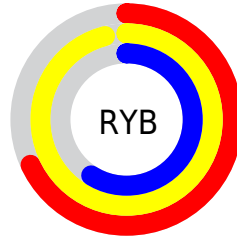
The RGB color **246, 227, 150** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **150, 169, 246**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 205**, and **188, 172, 98** is the 20% darker color. If you saturate the color by 10%, you get **246, 222, 125**, and if you desaturate by 10%, it is **246, 232, 175**.

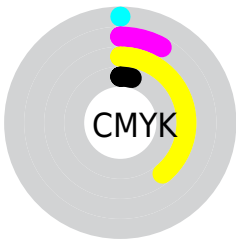
# Distribution



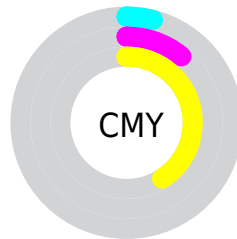
- Red (96%)
- Green (89%)
- Blue (59%)



- Red (68%)
- Yellow (96%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (39%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 246, 227, 150 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, 227, 150 by changing the saturation by 10% instead.



 246, 227, 150

255, 255, 255

 255, 255, 205


 255, 255, 233

 246, 227, 150


 217, 199, 124

 188, 172, 98


 160, 145, 73

 133, 120, 49

 106, 95, 24

 81, 72, 0

 56, 49, 0

 31, 29, 0

 0, 1, 0

 246, 227, 150


 246, 227, 150

 246, 222, 125


 246, 232, 175

 246, 217, 101


 246, 237, 199

 246, 212, 76

 246, 242, 224

 246, 208, 52

 246, 246, 248

 246, 203, 27

 246, 251, 255

 246, 198, 2

 246, 255, 255

 246, 197, 0

# Harmonies

## Analogous

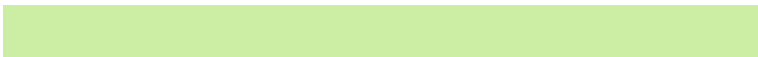
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 214, 158



246, 227, 150



204, 238, 164

# Triad

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



246, 227, 150



96, 246, 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.



246, 227, 150



150, 169, 246

# 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.



242, 214, 255



246, 227, 150



129, 239, 255

# Square

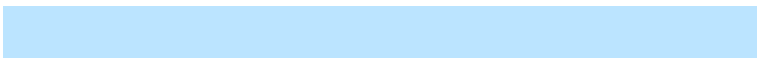
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246, 227, 150



115, 248, 233



187, 228, 255



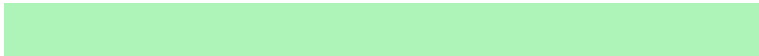
255, 198, 221

# Rectangle

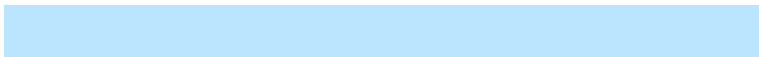
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 227, 150



174, 243, 183



187, 228, 255



255, 206, 255

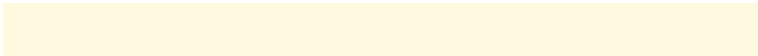


# Sweetspot

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



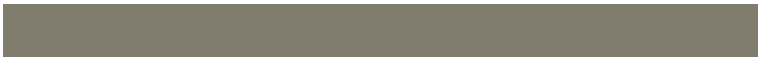
246, 227, 150



255, 249, 224



246, 150, 169



128, 124, 110



0, 0, 0



128, 128, 128



# Same Dimension

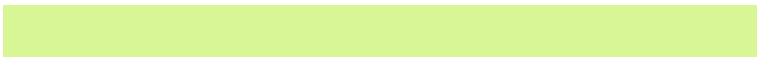
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246, 227, 150



255, 231, 135



217, 246, 150



122, 120, 110



186, 149, 0



59, 47, 0



# Inverse Universe

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



150, 169, 246



135, 159, 255



179, 150, 246



110, 113, 122



0, 37, 186



0, 12, 59



# Previews

## White Background



This preview shows how the RGB color 246, 227, 150 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, 227, 150 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, 227, 150 Background



This preview shows how black text looks on a background with the RGB color 246, 227, 150.

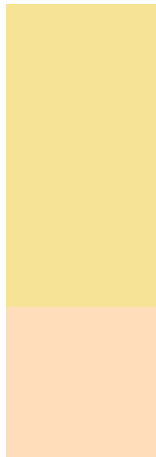


This preview shows how white text looks on a background with the RGB color 246, 227, 150.

# 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, 227, 150

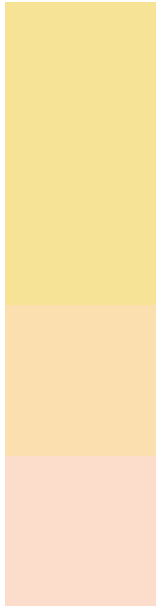
**Protanopia**  
246, 227, 150

**Deuteranopia**  
255, 221, 187



**Tritanopia**  
255, 217, 233

# Trichromacy



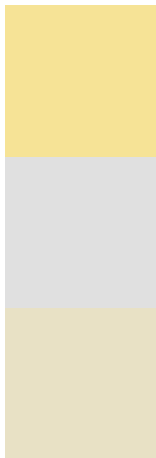
**Original Color**  
246, 227, 150

**Protanomaly**  
246, 227, 150

**Deuteranomaly**  
252, 223, 174

**Tritanomaly**  
252, 221, 203

# Monochromacy



**Original Color**  
246, 227, 150

**Achromatopsia**  
224, 224, 224

**Achromatomaly**  
232, 225, 197

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 246, 227, 150 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, 227, 150)` looks like.

```
.text, #text, p{  
    color:rgb(246, 227, 150)  
}
```

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, 227, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 227, 150) }
```

## Border

The CSS property to change the border of an element to RGB 246, 227, 150 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, 227, 150) }
```

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

```
.border{ border-color:rgb(246, 227, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 227, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 227, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 227, 150);  
box-shadow:4px 4px 4px 4px rgb(246, 227,  
150) }
```

# Background

The CSS property to change the background color of an element to RGB 246, 227, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 227, 150) }
```

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

```
.background{ background-color: rgb(246,  
227, 150) }
```

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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