

Converting Colors

RGB(249, 226, 123)

Have a look what the booklet for
RGB(249, 226, 123) contains.

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Color

RGB(249, 226, 123)

Conversions

Conversions Part 1

Format	Color
Hex	F9E27B
RGB	249, 226, 123
RGB Percent	98%, 89%, 48%
CMY	0.0235, 0.1137, 0.5176
CMYK	0.00, 0.09, 0.51, 0.02
HSL	49°, 91%, 73%
HSV	49°, 51%, 98%
XYZ	69.8384, 75.9625, 29.7202
YIQ	221.1350, 46.7710, -27.1570

Conversions

Conversions Part 2

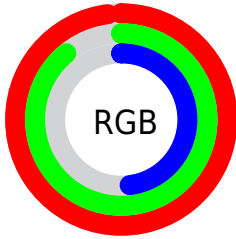
Format	Color
RYB	151, 249, 123
Decimal	16376443
CIELab	89.84, -5.03, 52.75
CIElCh	90, 52.989, 95.446
Yxy	75.9625, 0.3979, 0.4328
Android (android.graphics.Color)	4294566523 (0xFFFF9E27B)
YUV	221.1350, -48.3806, 24.4376
Hunter-Lab	87.1565, -9.4919, 40.7917

Details

The RGB color **249, 226, 123** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **123, 146, 249**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 177**, and **190, 171, 71** is the 20% darker color. If you saturate the color by 10%, you get **249, 221, 98**, and if you desaturate by 10%, it is **249, 231, 148**.

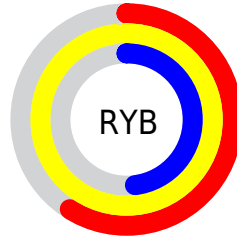
Distribution



Red (98%)

Green (89%)

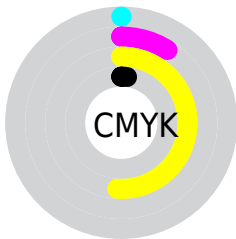
Blue (48%)



Red (59%)

Yellow (98%)

Blue (48%)

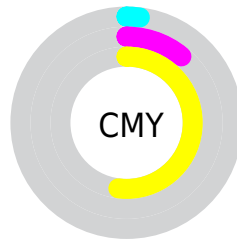


Cyan (0%)

Magenta (9%)

Yellow (51%)

Black (2%)



Cyan (2%)















Magenta (11%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the RGB color 249, 226, 123 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 249, 226, 123 by changing the saturation by 10% instead.

 249, 226, 123	 249, 226, 123
255, 255, 255	 219, 198, 97
 255, 255, 177	 190, 171, 71
 255, 255, 206	 162, 145, 44
 255, 255, 234	 134, 119, 13
	 106, 95, 0
	 80, 71, 0
	 54, 49, 0
	 30, 28, 0
	 0, 0, 0

 249, 226, 123

 249, 226, 123

 249, 221, 98


 249, 231, 148

 249, 217, 73

 249, 235, 173

 249, 212, 48

 249, 240, 198

 249, 208, 23

 249, 244, 223

 249, 204, 0

 249, 249, 248

 249, 253, 255

 249, 255, 255

Harmonies

Analogous

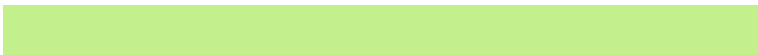
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 208, 134



249, 226, 123



195, 240, 141

Triad

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



249, 226, 123



0, 251, 255



255, 192, 255

Complementary

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



249, 226, 123



123, 146, 249

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.



243, 209, 255



249, 226, 123



34, 242, 255

Square

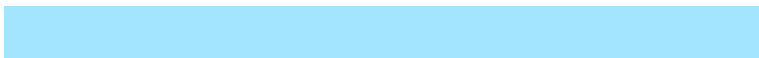
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 226, 123



11, 253, 234



163, 228, 255



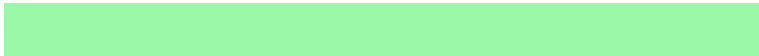
255, 185, 219

Rectangle

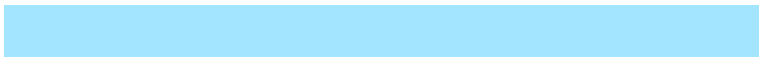
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 226, 123



154, 247, 167



163, 228, 255



255, 197, 255

Sweetspot

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



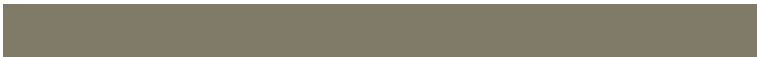
249, 226, 123



255, 248, 217



249, 123, 146



128, 123, 105



0, 0, 0



128, 128, 128

Same Dimension

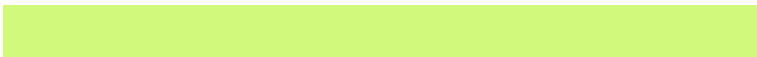
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 226, 123



255, 227, 99



209, 249, 123



125, 123, 112



189, 154, 0



61, 50, 0

Inverse Universe

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



123, 146, 249



99, 128, 255



163, 123, 249



112, 115, 125



0, 34, 189



0, 11, 61

Previews

White Background



This preview shows how the RGB color 249, 226, 123 looks on a white background.

Color Contrast Check

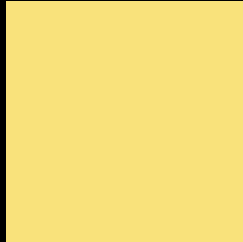
Large Text (above 18pt) WCAG AA × Fail

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 249, 226, 123 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 249, 226, 123 Background



This preview shows how black text looks on a background with the RGB color 249, 226, 123.



This preview shows how white text looks on a background with the RGB color 249, 226, 123.

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
249, 226, 123

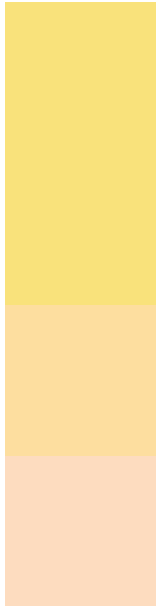
Protanopia
249, 226, 123

Deuteranopia
255, 220, 179



Tritanopia
255, 216, 230

Trichromacy



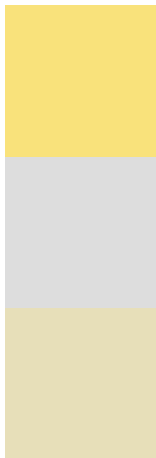
Original Color
249, 226, 123

Protanomaly
249, 226, 123

Deuteranomaly
253, 222, 159

Tritanomaly
253, 220, 191

Monochromacy



Original Color
249, 226, 123

Achromatopsia
221, 221, 221

Achromatomaly
231, 223, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 226, 123 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(249, 226, 123)` looks like.

```
.text, #text, p{  
    color:rgb(249, 226, 123)  
}
```

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(249, 226, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 226, 123) }
```

Border

The CSS property to change the border of an element to RGB 249, 226, 123 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(249, 226, 123) }
```

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

```
.border{ border-color:rgb(249, 226, 123) }
```

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

Here you see how a box with a 4 pixel rgb(249, 226, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 226, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 226, 123);  
box-shadow:4px 4px 4px 4px rgb(249, 226,  
123) }
```

Background

The CSS property to change the background color of an element to RGB 249, 226, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 226, 123) }
```

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

```
.background{ background-color: rgb(249,  
226, 123) }
```

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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