

Converting Colors

RGB(238, 246, 213)

Have a look what the booklet for
RGB(238, 246, 213) contains.

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Color

RGB(238, 246, 213)

Conversions

Conversions Part 1

Format	Color
Hex	EEF6D5
RGB	238, 246, 213
RGB Percent	93%, 96%, 84%
CMY	0.0667, 0.0353, 0.1647
CMYK	0.03, 0.00, 0.13, 0.04
HSL	75°, 65%, 90%
HSV	75°, 13%, 96%
XYZ	80.2259, 88.8928, 75.8805
YIQ	239.8460, 5.8250, -11.9590

Conversions

Conversions Part 2

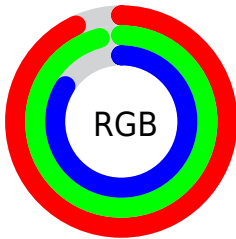
Format	Color
R _Y B	213, 246, 221
Decimal	15660757
CIE Lab	95.54, -8.23, 14.98
CIE LCh	96, 17.095, 118.770
Yxy	88.8928, 0.3275, 0.3628
Android (android.graphics.Color)	4293850837 (0xFFEEF6D5)
YUV	239.8460, -13.2351, -1.6189
Hunter-Lab	94.2830, -13.1085, 18.2805

Details

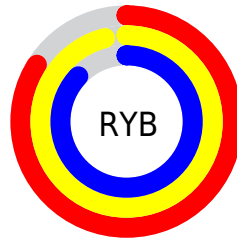
The RGB color **238, 246, 213** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **221, 213, 246**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 190, 158** is the 20% darker color. If you saturate the color by 10%, you get **232, 246, 188**, and if you desaturate by 10%, it is **244, 246, 238**.

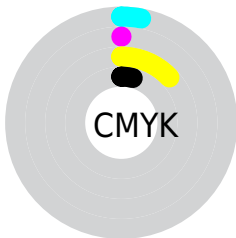
Distribution



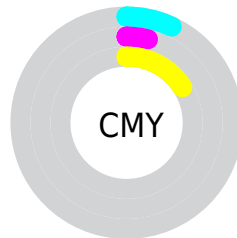
- Red (93%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 246, 213 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 238, 246, 213 by changing the saturation by 10% instead.

■ 238, 246, 213

255, 255, 255

■ 238, 246, 213

■ 210, 218, 185

■ 182, 190, 158

■ 155, 163, 132

■ 129, 136, 107

■ 104, 111, 83

■ 79, 87, 59

■ 56, 63, 37

■ 34, 42, 17

■ 10, 22, 0

 238, 246, 213

 238, 246, 213

 232, 246, 188

 244, 246, 238


 226, 246, 164


 250, 246, 255


 220, 246, 139


 255, 246, 255

 214, 246, 115

 208, 246, 90

 202, 246, 65

 196, 246, 41

 190, 246, 16

 186, 246, 0

Harmonies

Analogous

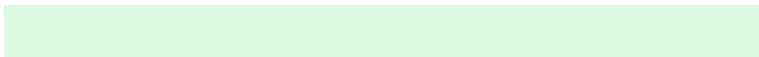
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 241, 209



238, 246, 213



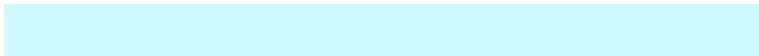
219, 250, 225

Triad

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



238, 246, 213



207, 249, 255



255, 231, 243

Complementary

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



238, 246, 213



221, 213, 246

Split Complementary

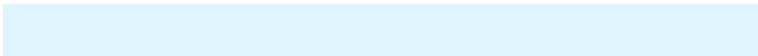
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 233, 255



238, 246, 213



224, 244, 255

Square

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



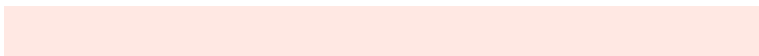
238, 246, 213



200, 251, 255



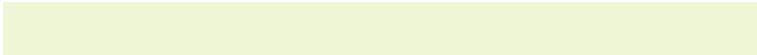
245, 238, 255



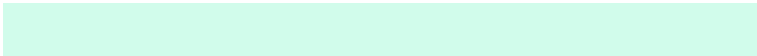
255, 232, 227

Rectangle

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



238, 246, 213



209, 252, 235



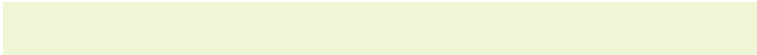
245, 238, 255



255, 231, 249

Sweetspot

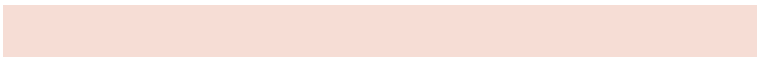
The Sweet Spot groups the original color and five complimentary colors.



238, 246, 213



253, 255, 245



246, 221, 213



126, 128, 121



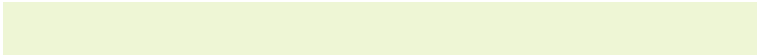
0, 0, 0



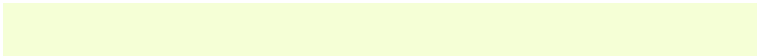
128, 128, 128

Same Dimension

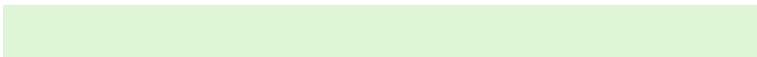
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238, 246, 213



245, 255, 214



222, 246, 213



119, 122, 110



141, 186, 0



44, 59, 0

Inverse Universe

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



221, 213, 246



224, 214, 255



237, 213, 246



113, 110, 122



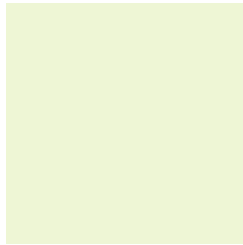
45, 0, 186



14, 0, 59

Previews

White Background



This preview shows how the RGB color 238, 246, 213 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 238, 246, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

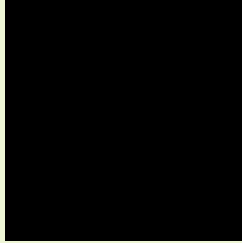
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

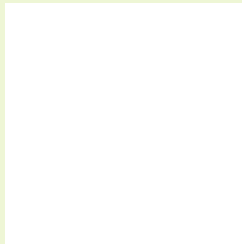
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 238, 246, 213 Background



This preview shows how black text looks on a background with the RGB color 238, 246, 213.



This preview shows how white text looks on a background with the RGB color 238, 246, 213.

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

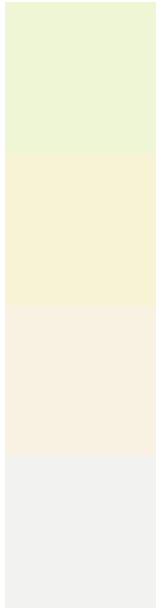
	Original Color 238, 246, 213
	Protanopia 254, 241, 211
	Deuteranopia 255, 239, 233



Tritanopia

244, 240, 255

Trichromacy



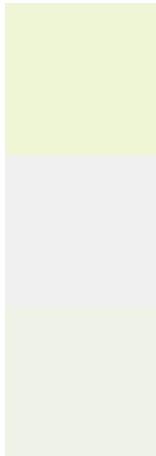
Original Color
238, 246, 213

Protanomaly
248, 243, 212

Deuteranomaly
249, 242, 226

Tritanomaly
242, 242, 240

Monochromacy



Original Color
238, 246, 213

Achromatopsia
240, 240, 240

Achromatomaly
239, 242, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 246, 213 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(238, 246, 213)` looks like.

```
.text, #text, p{  
    color:rgb(238, 246, 213)  
}
```

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(238, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 246, 213) }
```

Border

The CSS property to change the border of an element to RGB 238, 246, 213 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(238, 246, 213) }
```

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

```
.border{ border-color:rgb(238, 246, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(238, 246,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 238, 246, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 246, 213) }
```

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

```
.background{ background-color: rgb(238,  
246, 213) }
```

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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