

Converting Colors

RGB(230, 253, 226)

Have a look what the booklet for
RGB(230, 253, 226) contains.

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Color

RGB(230, 253, 226)

Conversions

Conversions Part 1

Format	Color
Hex	E6FDE2
RGB	230, 253, 226
RGB Percent	90%, 99%, 89%
CMY	0.0980, 0.0078, 0.1137
CMYK	0.09, 0.00, 0.11, 0.01
HSL	111°, 87%, 94%
HSV	111°, 11%, 99%
XYZ	81.4859, 92.5645, 85.5235
YIQ	243.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

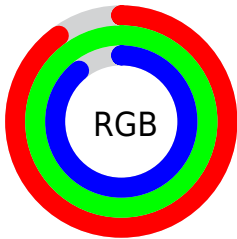
Format	Color
R _Y B	226, 253, 249
Decimal	15138274
CIE Lab	97.05, -12.30, 10.38
CIE LCh	97, 16.094, 139.824
Yxy	92.5645, 0.3139, 0.3566
Android (android.graphics.Color)	4293328354 (0xFFE6FDE2)
YUV	243.0450, -8.4032, -11.4405
Hunter-Lab	96.2105, -17.1870, 14.6432

Details

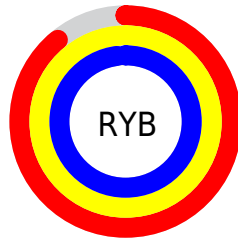
The RGB color **230, 253, 226** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **249, 226, 253**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 196, 171** is the 20% darker color. If you saturate the color by 10%, you get **208, 253, 201**, and if you desaturate by 10%, it is **252, 253, 251**.

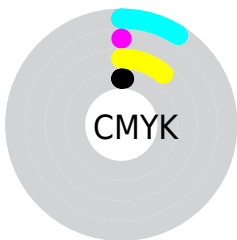
Distribution



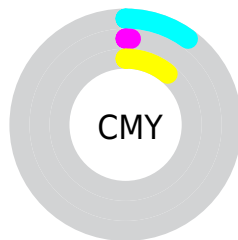
- Red (90%)
- Green (99%)
- Blue (89%)



- Red (89%)
- Yellow (99%)
- Blue (98%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 253, 226 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 230, 253, 226 by changing the saturation by 10% instead.

 230, 253, 226

 230, 253, 226


255, 255, 255


 202, 224, 198

 174, 196, 171

 148, 169, 144

 122, 143, 119

 97, 117, 94

 73, 92, 70

 50, 69, 48

 28, 46, 27

 6, 26, 0

 230, 253, 226

 230, 253, 226

 208, 253, 201

 252, 253, 251


 187, 253, 175

 255, 253, 255

 165, 253, 150

 144, 253, 125

 122, 253, 99

 101, 253, 74

 79, 253, 49

 58, 253, 24

 37, 253, 0

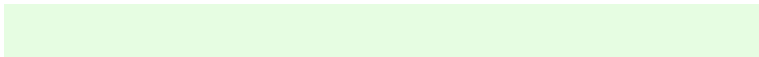
Harmonies

Analogous

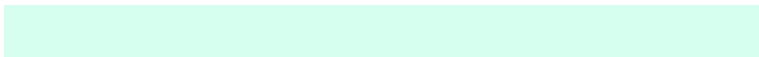
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 249, 217



230, 253, 226



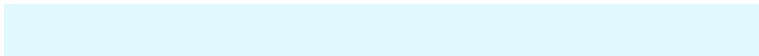
215, 255, 240

Triad

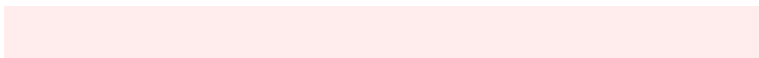
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 253, 226



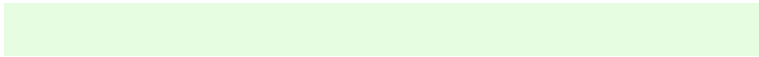
224, 249, 255



255, 236, 237

Complementary

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



230, 253, 226



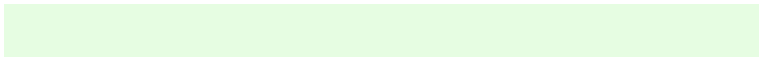
249, 226, 253

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, 236, 252



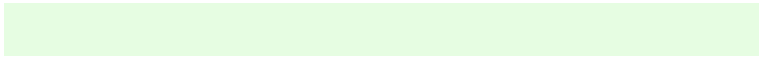
230, 253, 226



243, 244, 255

Square

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



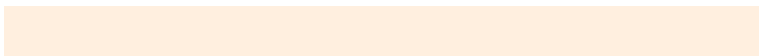
230, 253, 226



210, 254, 255



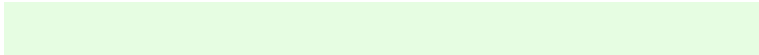
255, 239, 255



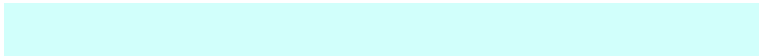
255, 239, 223

Rectangle

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



230, 253, 226



209, 255, 251



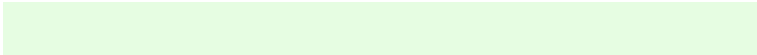
255, 239, 255



255, 236, 242

Sweetspot

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



230, 253, 226



248, 255, 247



253, 249, 226



123, 128, 122



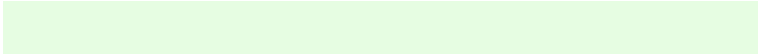
0, 0, 0



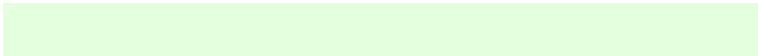
128, 128, 128

Same Dimension

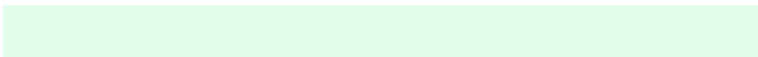
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 253, 226



227, 255, 222



226, 253, 235



117, 128, 115



28, 191, 0



9, 64, 0

Inverse Universe

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



249, 226, 253



250, 222, 255



253, 226, 244



126, 115, 128



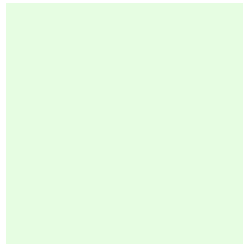
163, 0, 191



54, 0, 64

Previews

White Background



This preview shows how the RGB color 230, 253, 226 looks on a white background.

Color Contrast Check

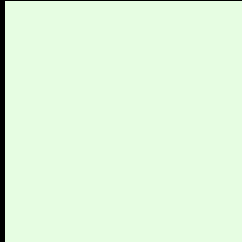
Large Text (above 18pt) WCAG AA × Fail

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 230, 253, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

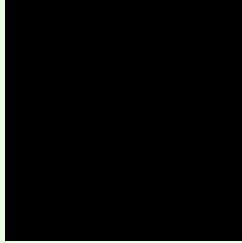
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

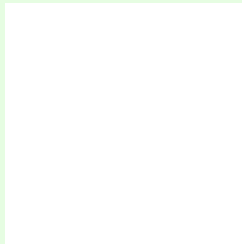
Any Text WCAG AAA ✓ Pass

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

RGB 230, 253, 226 Background



This preview shows how black text looks on a background with the RGB color 230, 253, 226.



This preview shows how white text looks on a background with the RGB color 230, 253, 226.

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 230, 253, 226
	Protanopia 255, 245, 225
	Deuteranopia 255, 244, 242



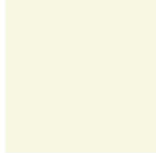
Tritanopia
242, 247, 255

Trichromacy



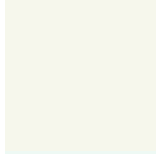
Original Color

230, 253, 226



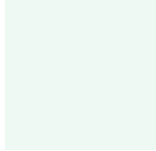
Protanomaly

246, 248, 225



Deuteranomaly

246, 247, 236



Tritanomaly

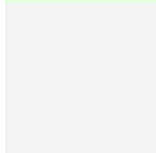
238, 249, 244

Monochromacy



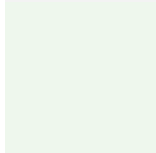
Original Color

230, 253, 226



Achromatopsia

243, 243, 243



Achromatomaly

238, 247, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 253, 226 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(230, 253, 226)` looks like.

```
.text, #text, p{  
    color:rgb(230, 253, 226)  
}
```

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(230, 253, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 253, 226) }
```

Border

The CSS property to change the border of an element to RGB 230, 253, 226 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(230, 253, 226) }
```

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

```
.border{ border-color:rgb(230, 253, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 253, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 253, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 253, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 253,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 230, 253, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 253, 226) }
```

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

```
.background{ background-color: rgb(230,  
253, 226) }
```

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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