

Converting Colors

RGB(226, 252, 226)

Have a look what the booklet for
RGB(226, 252, 226) contains.

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Color

RGB(226, 252, 226)

Conversions

Conversions Part 1

Format	Color
Hex	E2FCE2
RGB	226, 252, 226
RGB Percent	89%, 99%, 89%
CMY	0.1137, 0.0118, 0.1137
CMYK	0.10, 0.00, 0.10, 0.01
HSL	120°, 81%, 94%
HSV	120°, 10%, 99%
XYZ	79.9019, 91.2805, 85.3591
YIQ	241.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

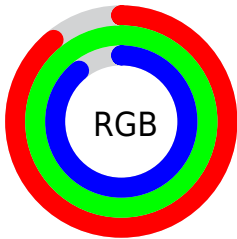
Format	Color
R _Y B	226, 252, 252
Decimal	14875874
CIE Lab	96.53, -13.13, 9.60
CIE LCh	97, 16.264, 143.842
Yxy	91.2805, 0.3115, 0.3558
Android (android.graphics.Color)	4293065954 (0xFFE2FCE2)
YUV	241.2620, -7.5242, -13.3848
Hunter-Lab	95.5409, -17.9149, 13.9071

Details

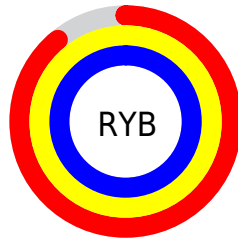
The RGB color **226, 252, 226** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **252, 226, 252**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 195, 171** is the 20% darker color. If you saturate the color by 10%, you get **201, 252, 201**, and if you desaturate by 10%, it is **251, 252, 251**.

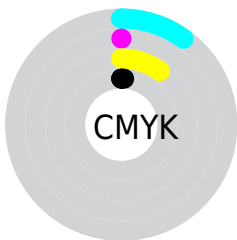
Distribution



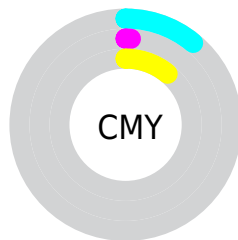
- Red (89%)
- Green (99%)
- Blue (89%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 252, 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 226, 252, 226 by changing the saturation by 10% instead.


 226, 252, 226

255, 255, 255

 226, 252, 226

 198, 223, 198

 171, 195, 171

 144, 168, 144


 118, 142, 119

 93, 116, 94

 69, 91, 70

 47, 68, 48


 25, 46, 27

 1, 26, 0

 226, 252, 226

 226, 252, 226

 201, 252, 201

 251, 252, 251

 176, 252, 176

 255, 252, 255

 150, 252, 150

 125, 252, 125

 100, 252, 100

 75, 252, 75

 50, 252, 50

 24, 252, 24

 0, 252, 0

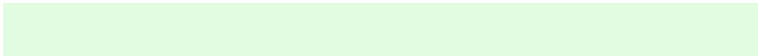
Harmonies

Analogous

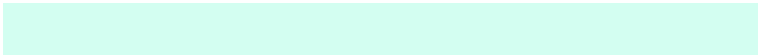
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 248, 216



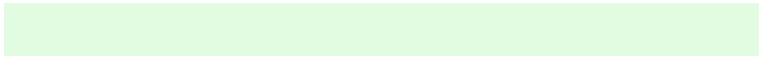
226, 252, 226



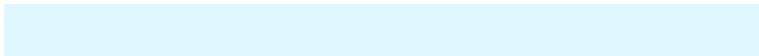
211, 254, 241

Triad

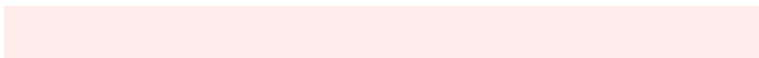
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 252, 226



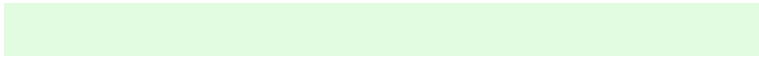
224, 247, 255



255, 235, 233

Complementary

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



226, 252, 226



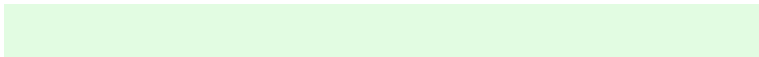
252, 226, 252

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, 235, 249



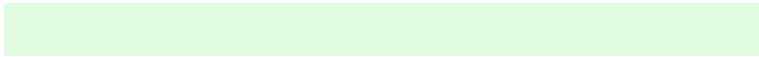
226, 252, 226



244, 242, 255

Square

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



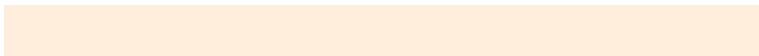
226, 252, 226



210, 252, 255



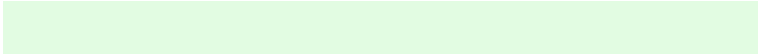
255, 237, 255



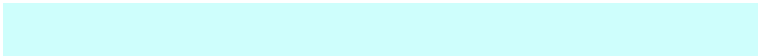
255, 238, 220

Rectangle

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



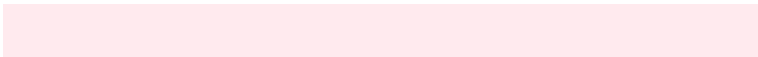
226, 252, 226



206, 254, 252



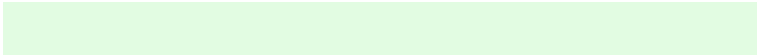
255, 237, 255



255, 234, 238

Sweetspot

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



226, 252, 226



247, 255, 247



252, 252, 226



122, 128, 122



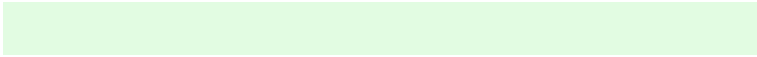
0, 0, 0



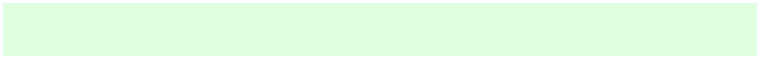
128, 128, 128

Same Dimension

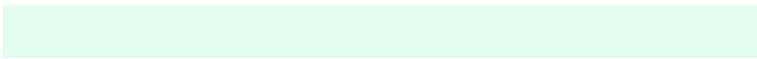
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226, 252, 226



224, 255, 224



226, 252, 239



112, 125, 112



0, 189, 0



0, 61, 0

Inverse Universe

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



252, 226, 252



255, 224, 255



252, 226, 239



125, 112, 125



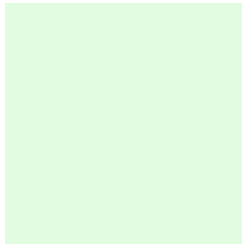
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RGB color 226, 252, 226 looks on a white background.

Color Contrast Check

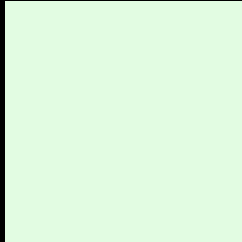
Large Text (above 18pt) WCAG AA × Fail

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 226, 252, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

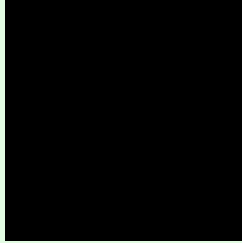
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

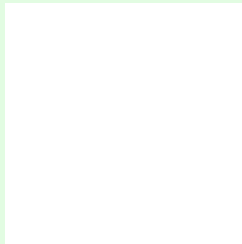
Any Text WCAG AAA ✓ Pass

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

RGB 226, 252, 226 Background



This preview shows how black text looks on a background with the RGB color 226, 252, 226.

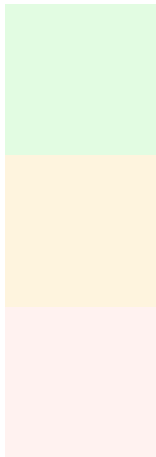


This preview shows how white text looks on a background with the RGB color 226, 252, 226.

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
226, 252, 226

Protanopia
254, 244, 222

Deuteranopia
255, 242, 240



Tritanopia

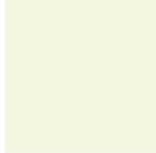
239, 245, 255

Trichromacy



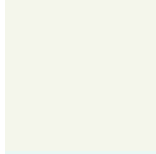
Original Color

226, 252, 226



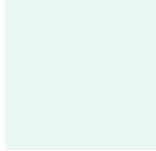
Protanomaly

244, 247, 223



Deuteranomaly

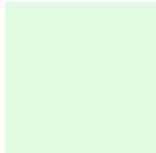
244, 246, 235



Tritanomaly

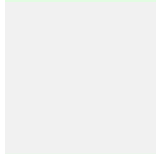
234, 248, 244

Monochromacy



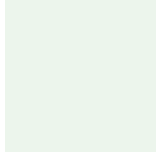
Original Color

226, 252, 226



Achromatopsia

241, 241, 241



Achromatomaly

236, 245, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 252, 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(226, 252, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 252, 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(226, 252, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 252, 226) }
```

Border

The CSS property to change the border of an element to RGB 226, 252, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

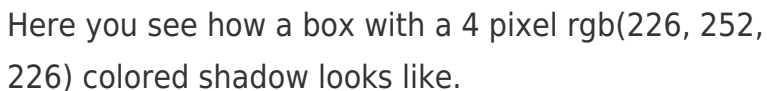
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 252, 226) }
```

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

```
.border{ border-color:rgb(226, 252, 226) }
```

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



Here you see how a box with a 4 pixel rgb(226, 252, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 252, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 252, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 252,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 226, 252, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 252, 226) }
```

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

```
.background{ background-color: rgb(226,  
252, 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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