

Converting Colors

RGB(230, 242, 230)

Have a look what the booklet for
RGB(230, 242, 230) contains.

RGB(230, 242, 230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(230, 242, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E6F2E6
RGB	230, 242, 230
RGB Percent	90%, 95%, 90%
CMY	0.0980, 0.0510, 0.0980
CMYK	0.05, 0.00, 0.05, 0.05
HSL	120°, 32%, 93%
HSV	120°, 5%, 95%
XYZ	78.6682, 86.0404, 87.3241
YIQ	237.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

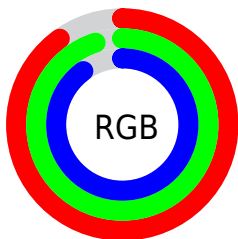
Format	Color
R _Y B	230, 242, 242
Decimal	15135462
CIE Lab	94.33, -6.11, 4.41
CIE LCh	94, 7.531, 144.198
Yxy	86.0404, 0.3121, 0.3414
Android (android.graphics.Color)	4293325542 (0xFFE6F2E6)
YUV	237.0440, -3.4727, -6.1776
Hunter-Lab	92.7580, -10.9403, 9.1139

Details

The RGB color **230, 242, 230** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **242, 230, 242**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 186, 175** is the 20% darker color. If you saturate the color by 10%, you get **206, 242, 206**, and if you desaturate by 10%, it is **254, 242, 254**.

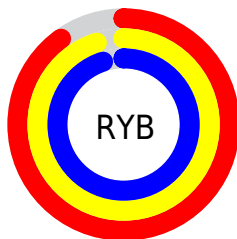
Distribution



Red (90%)

Green (95%)

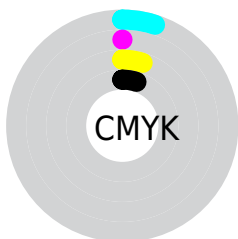
Blue (90%)



Red (90%)

Yellow (95%)

Blue (95%)

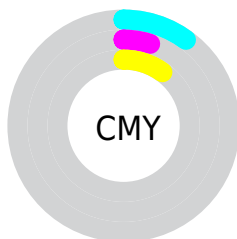


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (10%)

Magenta (5%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 242, 230 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, 242, 230 by changing the saturation by 10% instead.

■ 230, 242, 230

255, 255, 255

■ 230, 242, 230

■ 202, 214, 202

■ 174, 186, 175

■ 148, 159, 148

■ 122, 133, 122

■ 97, 108, 97

■ 73, 83, 74

■ 51, 60, 51

■ 30, 39, 30

■ 5, 18, 5

 230, 242, 230

 230, 242, 230

 206, 242, 206

 254, 242, 254

 182, 242, 182

 255, 242, 255

 157, 242, 157

 133, 242, 133

 109, 242, 109

 85, 242, 85

 61, 242, 61

 36, 242, 36

 12, 242, 12

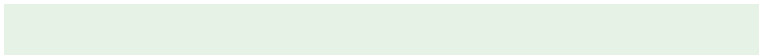
Harmonies

Analogous

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



238, 240, 225



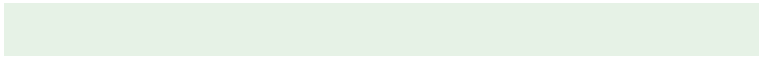
230, 242, 230



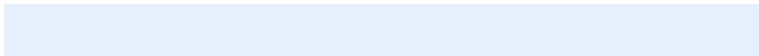
224, 243, 237

Triad

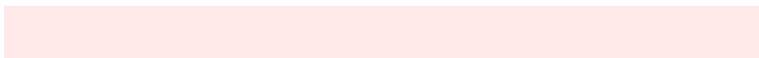
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 242, 230



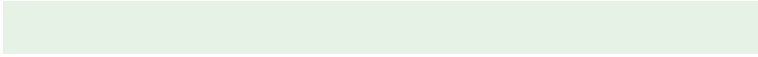
230, 240, 253



255, 234, 233

Complementary

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



230, 242, 230



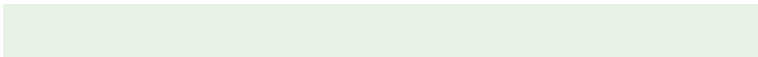
242, 230, 242

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.



253, 234, 240



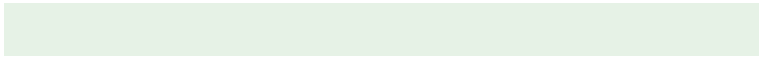
230, 242, 230



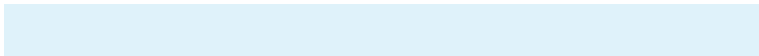
239, 237, 252

Square

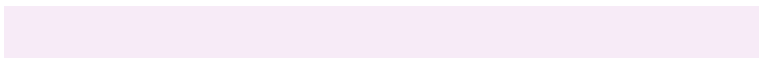
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



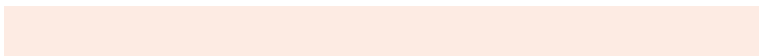
230, 242, 230



223, 242, 250



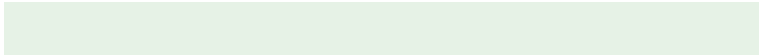
247, 235, 247



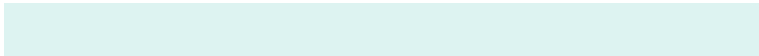
253, 235, 227

Rectangle

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



230, 242, 230



221, 243, 242



247, 235, 247



255, 234, 235

Sweetspot

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



230, 242, 230



252, 255, 252



242, 242, 230



126, 128, 126



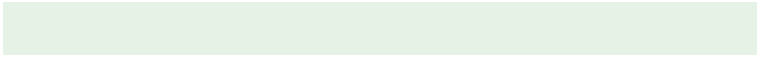
0, 0, 0



128, 128, 128

Same Dimension

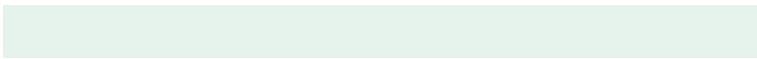
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 242, 230



240, 255, 240



230, 242, 236



111, 120, 111



0, 184, 0



0, 56, 0

Inverse Universe

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



242, 230, 242



255, 240, 255



242, 230, 236



120, 111, 120



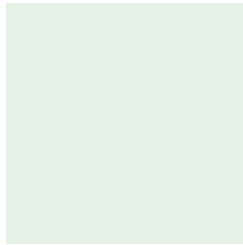
184, 0, 184



56, 0, 56

Previews

White Background



This preview shows how the RGB color 230, 242, 230 looks on a white background.

Color Contrast Check

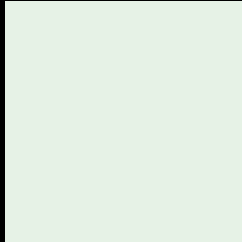
Large Text (above 18pt) WCAG AA × Fail

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, 242, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

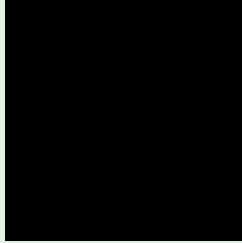
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

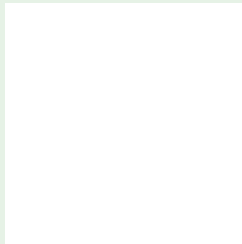
Any Text WCAG AAA ✓ Pass

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

RGB 230, 242, 230 Background



This preview shows how black text looks on a background with the RGB color 230, 242, 230.

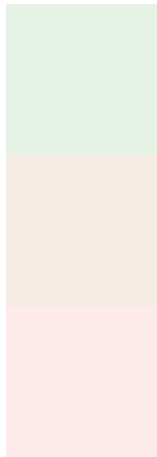


This preview shows how white text looks on a background with the RGB color 230, 242, 230.

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, 242, 230

Protanopia
245, 237, 228

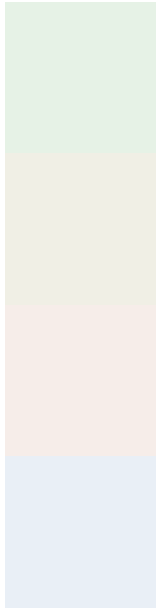
Deuteranopia
255, 234, 235



Tritanopia

235, 238, 255

Trichromacy



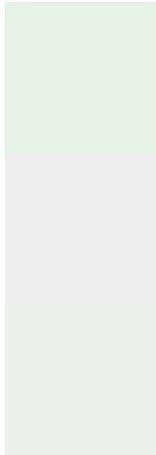
Original Color
230, 242, 230

Protanomaly
240, 239, 229

Deuteranomaly
246, 237, 233

Tritanomaly
233, 239, 246

Monochromacy



Original Color
230, 242, 230

Achromatopsia
237, 237, 237

Achromatomaly
234, 239, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 242, 230 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, 242, 230)` looks like.

```
.text, #text, p{  
    color:rgb(230, 242, 230)  
}
```

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, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 242, 230) }
```

Border

The CSS property to change the border of an element to RGB 230, 242, 230 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, 242, 230) }
```

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

```
.border{ border-color:rgb(230, 242, 230) }
```

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

Here you see how a box with a 4 pixel rgb(230, 242, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 242,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 230, 242, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 242, 230) }
```

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

```
.background{ background-color: rgb(230,  
242, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor