

Converting Colors

`RYB(226, 250, 242)`

Have a look what the booklet for RYB(226, 250, 242) contains.

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Color

R_YB(226, 250, 242)

Conversions

Conversions Part 1

Format	Color
Hex	EAF4E2
RGB	234, 250, 226
RGB Percent	92%, 98%, 89%
CMY	0.0824, 0.0196, 0.1137
CMYK	0.06, 0.00, 0.10, 0.02
HSL	100°, 71%, 93%
HSV	100°, 10%, 98%
XYZ	81.8448, 91.3546, 85.2710
YIQ	242.4800, -1.8320, -10.8560

Conversions

Conversions Part 2

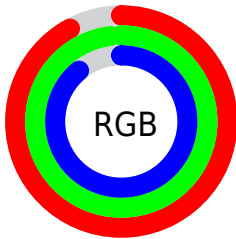
Format	Color
R _Y B	226, 250, 242
Decimal	15399650
CIE Lab	96.56, -9.47, 9.71
CIE LCh	97, 13.563, 134.273
Yxy	91.3546, 0.3167, 0.3534
Android (android.graphics.Color)	4293589730 (0xFFEAFAE2)
YUV	242.4800, -8.1246, -7.4370
Hunter-Lab	95.5796, -14.4149, 14.0104

Details

The RYB color **226, 250, 242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **242, 226, 250**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is 255, 255, 255, and **171, 194, 187** is the 20% darker color. If you saturate the color by 10%, you get **201, 250, 234**, and if you desaturate by 10%, it is 251, 250, 251.

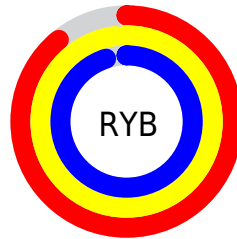
Distribution



Red (92%)

Green (98%)

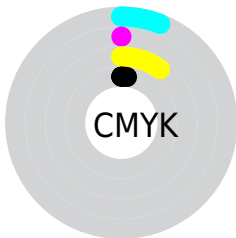
Blue (89%)



Red (89%)

Yellow (98%)

Blue (95%)

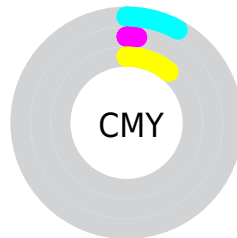


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (2%)



Cyan (8%)

Magenta (2%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 250, 242 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 RYB color 226, 250, 242 by changing the saturation by 10% instead.


 226, 250, 242

255, 255, 255


 226, 250, 242

 198, 221, 213

 171, 194, 187

 144, 166, 159

 119, 140, 133

 94, 114, 108

 70, 90, 84


 48, 66, 60


 27, 44, 39

 0, 24, 14

 226, 250, 242

 226, 250, 242

 201, 250, 234

 251, 250, 251

 176, 250, 225

 255, 250, 255

 151, 250, 217

 126, 250, 209

 101, 250, 200

 76, 250, 192

 51, 250, 184

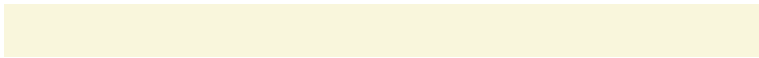
 26, 250, 175

 1, 250, 167

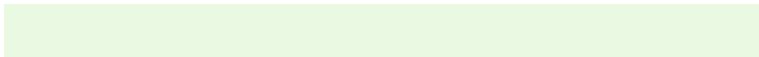
Harmonies

Analogous

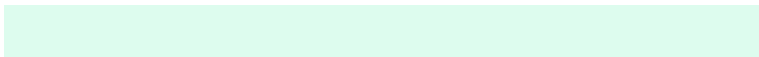
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 249, 220



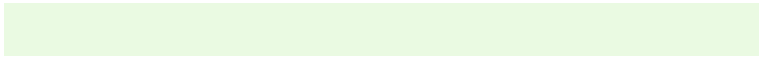
226, 250, 242



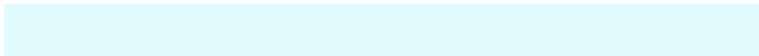
221, 241, 252

Triad

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



226, 250, 242



224, 238, 255



255, 236, 239

Complementary

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



226, 250, 242



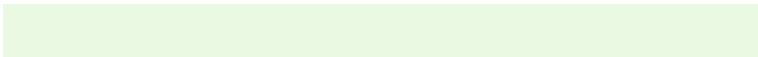
242, 226, 250

Split Complementary

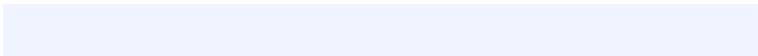
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 237, 253



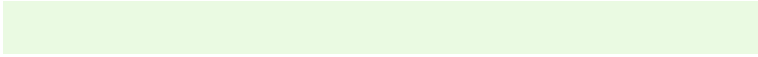
226, 250, 242



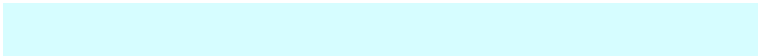
239, 243, 255

Square

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



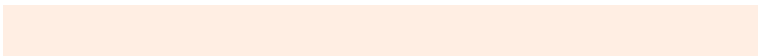
226, 250, 242



214, 234, 255



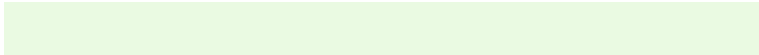
255, 240, 255



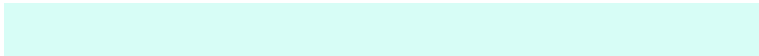
255, 245, 227

Rectangle

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



226, 250, 242



215, 236, 253



255, 240, 255



255, 236, 244

Sweetspot

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



226, 250, 242



247, 255, 252



238, 250, 226



122, 128, 126



0, 0, 0



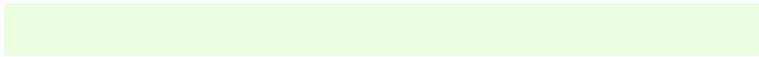
128, 128, 128

Same Dimension

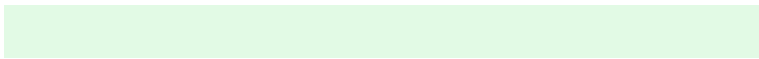
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226, 250, 242



224, 255, 244



226, 247, 250



112, 125, 120



0, 189, 126



0, 61, 41

Inverse Universe

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



242, 226, 250



245, 224, 255



250, 226, 246



121, 112, 125



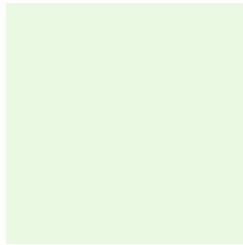
126, 0, 189



41, 0, 61

Previews

White Background



This preview shows how the RYB color 226, 250, 242 looks on a white background.

Color Contrast Check

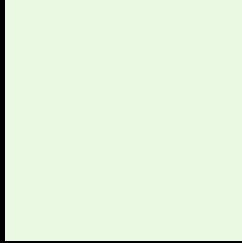
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 226, 250, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

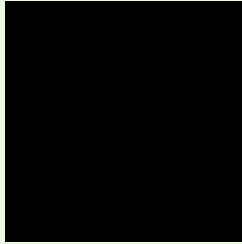
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

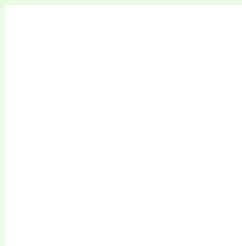
Any Text WCAG AAA ✓ Pass

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

R Y B 226, 250, 242 Background



This preview shows how black text looks on a background with the R Y B color 226, 250, 242.



This preview shows how white text looks on a background with the R Y B color 226, 250, 242.

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

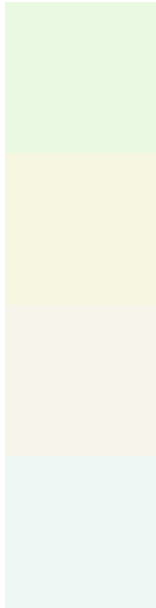




Tritanopia

242, 244, 255

Trichromacy



Original Color

226, 250, 242

Protanomaly

225, 247, 224

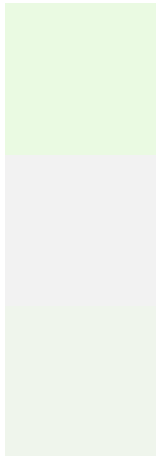
Deuteranomaly

237, 247, 235

Tritanomaly

239, 244, 247

Monochromacy



Original Color

226, 250, 242

Achromatopsia

242, 242, 242

Achromatomaly

236, 245, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 250, 242 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(234, 250, 226) looks like.

```
.text, #text, p{  
    color:rgb(234, 250, 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(234, 250, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 250, 226) }
```

Border

The CSS property to change the border of an element to RYB 226, 250, 242 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(234, 250, 226) }
```

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

```
.border{ border-color:rgb(234, 250, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 250, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 250, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 250, 226);  
box-shadow:4px 4px 4px 4px rgb(234, 250,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 226, 250, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 250, 226) }
```

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

```
.background{ background-color: rgb(234,  
250, 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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