

Converting Colors

`RYB(230, 237, 226)`

Have a look what the booklet for
RYB(230, 237, 226) contains.

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Color

R_YB(230, 237, 226)

Conversions

Conversions Part 1

Format	Color
Hex	EDEAE2
RGB	237, 234, 226
RGB Percent	93%, 92%, 89%
CMY	0.0706, 0.0821, 0.1137
CMYK	0.00, 0.01, 0.05, 0.07
HSL	44°, 23%, 91%
HSV	44°, 5%, 93%
XYZ	78.0943, 82.3791, 83.7363
YIQ	233.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

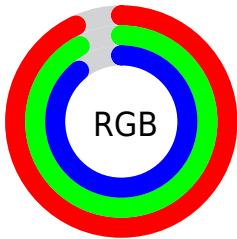
Format	Color
R_{YB}	230, 237, 226
Decimal	15592162
CIE _{Lab}	92.74, -0.41, 4.25
CIE _{LCh}	93, 4.268, 95.493
Yxy	82.3791, 0.3198, 0.3373
Android (android.graphics.Color)	4293782242 (0xFFEAEAE2)
YUV	233.9850, -3.9366, 2.6442
Hunter-Lab	90.7629, -5.2500, 8.8342

Details

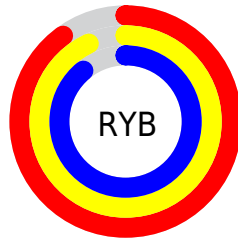
The RYB color **230, 237, 226** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **226, 228, 237**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 181, 171** is the 20% darker color. If you saturate the color by 10%, you get **214, 237, 202**, and if you desaturate by 10%, it is **237, 239, 250**.

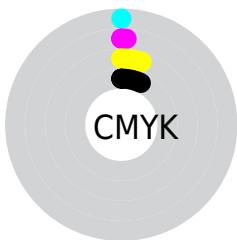
Distribution



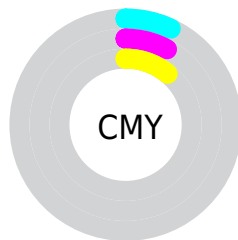
- Red (93%)
- Green (92%)
- Blue (89%)



- Red (90%)
- Yellow (93%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 237, 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 RYB color 230, 237, 226 by changing the saturation by 10% instead.

■ 230, 237, 226

255, 255, 255

■ 230, 237, 226

■ 202, 209, 198

■ 175, 181, 171

■ 147, 154, 144

■ 122, 128, 119

■ 97, 103, 94

■ 73, 79, 70

■ 51, 56, 48

■ 30, 35, 27

■ 4, 13, 0

 230, 237, 226

 230, 237, 226

 214, 237, 202

 237, 239, 250

 201, 237, 179

 237, 243, 255


 185, 237, 155


 237, 245, 255

 169, 237, 131

 237, 246, 255

 155, 237, 107

 140, 237, 84

 124, 237, 60

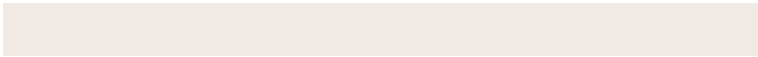
 108, 237, 36

 95, 237, 13

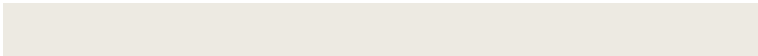
Harmonies

Analogous

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



241, 238, 227



230, 237, 226



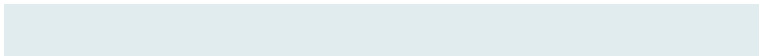
227, 235, 230

Triad

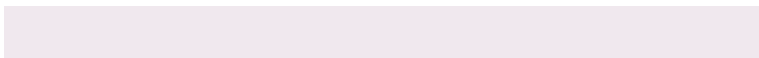
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 237, 226



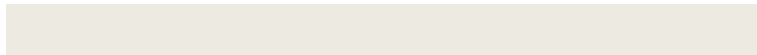
225, 231, 239



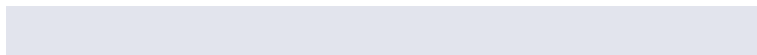
240, 232, 238

Complementary

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



230, 237, 226



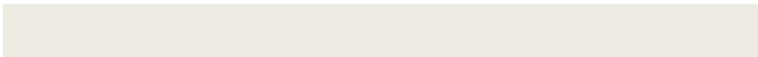
226, 228, 237

Split Complementary

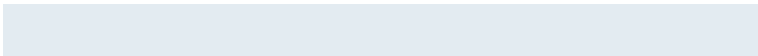
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236, 233, 241



230, 237, 226



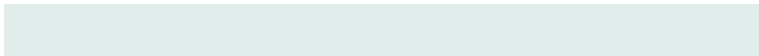
227, 232, 241

Square

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



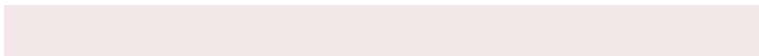
230, 237, 226



225, 232, 237



231, 233, 242



243, 231, 233

Rectangle

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



230, 237, 226



229, 236, 236



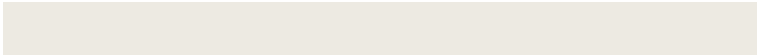
231, 233, 242



239, 232, 239

Sweetspot

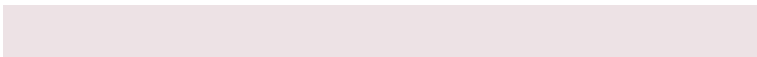
The Sweet Spot groups the original color and five complimentary colors.



230, 237, 226



254, 255, 252



237, 226, 229



128, 128, 126



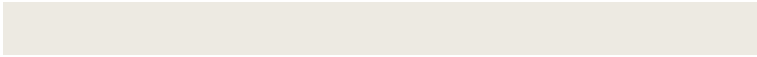
0, 0, 0



128, 128, 128

Same Dimension

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



230, 237, 226



245, 255, 240



226, 237, 228



112, 117, 109



65, 181, 0



21, 54, 0

Inverse Universe

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



226, 228, 237



240, 243, 255



228, 226, 237



109, 111, 117



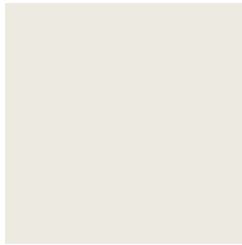
0, 38, 181



0, 11, 54

Previews

White Background



This preview shows how the RYB color 230, 237, 226 looks on a white background.

Color Contrast Check

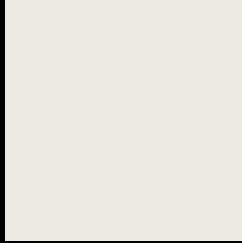
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 230, 237, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

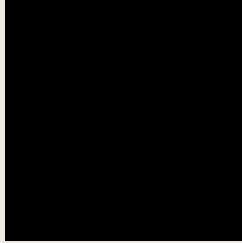
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

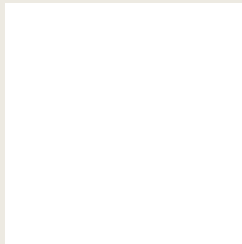
Any Text WCAG AAA ✓ Pass

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

RYB 230, 237, 226 Background



This preview shows how black text looks on a background with the RYB color 230, 237, 226.

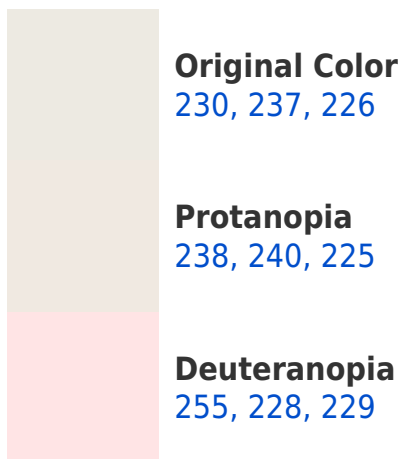


This preview shows how white text looks on a background with the RYB color 230, 237, 226.

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

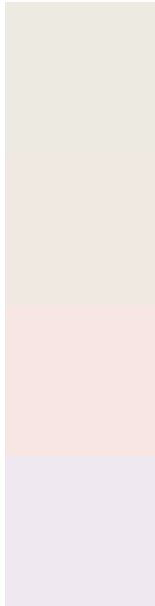




Tritanopia

240, 231, 249

Trichromacy



Original Color

230, 237, 226

Protanomaly

236, 239, 225

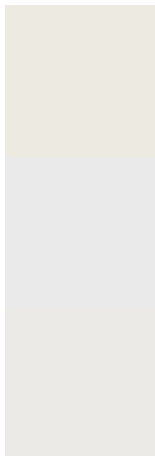
Deuteranomaly

248, 230, 228

Tritanomaly

239, 232, 241

Monochromacy



Original Color

230, 237, 226

Achromatopsia

234, 234, 234

Achromatomaly

232, 235, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 237, 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(237, 234, 226) looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 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(237, 234, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 226) }
```

Border

The CSS property to change the border of an element to RYB 230, 237, 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(237, 234, 226) }
```

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

```
.border{ border-color:rgb(237, 234, 226) }
```

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

Here you see how a box with a 4 pixel rgb(237, 234, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 226);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 230, 237, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 226) }
```

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

```
.background{ background-color: rgb(237,  
234, 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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