

Converting Colors

`RYB(219, 226, 234)`

Have a look what the booklet for
RYB(219, 226, 234) contains.

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Color

RYB(219, 226, 234)

Conversions

Conversions Part 1

Format	Color
Hex	DBE8EA
RGB	219, 232, 234
RGB Percent	86%, 91%, 92%
CMY	0.1412, 0.0897, 0.0824
CMYK	0.06, 0.01, 0.00, 0.08
HSL	187°, 26%, 89%
HSV	187°, 6%, 92%
XYZ	72.9565, 78.7842, 89.2036
YIQ	228.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

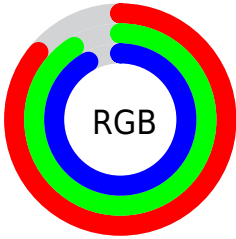
Format	Color
R _Y B	219, 226, 234
Decimal	14412010
CIE Lab	91.14, -3.99, -2.42
CIE LCh	91, 4.671, 211.258
Yxy	78.7842, 0.3028, 0.3270
Android (android.graphics.Color)	4292602090 (0xFFDBE8EA)
YUV	228.3410, 2.7899, -8.1921
Hunter-Lab	88.7605, -8.6131, 2.5464

Details

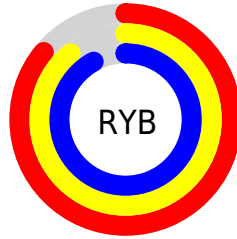
The RYB color **219, 226, 234** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **234, 221, 219**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **164, 170, 178** is the 20% darker color. If you saturate the color by 10%, you get **196, 214, 234**, and if you desaturate by 10%, it is **242, 235, 234**.

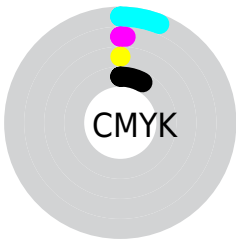
Distribution



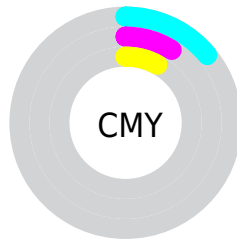
- Red (86%)
- Green (91%)
- Blue (92%)



- Red (86%)
- Yellow (89%)
- Blue (92%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (14%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 226, 234 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 219, 226, 234 by changing the saturation by 10% instead.

■ 219, 226, 234

255, 255, 255

■ 219, 226, 234

■ 191, 198, 206

■ 164, 171, 178

■ 138, 144, 152

■ 112, 118, 126

■ 88, 94, 101

■ 64, 70, 77

■ 42, 48, 54

■ 22, 27, 33

■ 0, 4, 10

 219, 226, 234

 219, 226, 234

 196, 214, 234


 242, 235, 234

 172, 201, 234


 255, 239, 234

 149, 189, 234


 255, 245, 234

 125, 176, 234


 255, 253, 234

 102, 164, 234


 247, 255, 234

 79, 151, 234


 241, 255, 234

 55, 139, 234

 236, 255, 234

 32, 126, 234

 234, 255, 234

 8, 114, 234

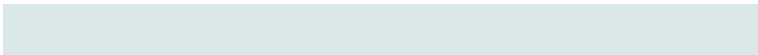
Harmonies

Analogous

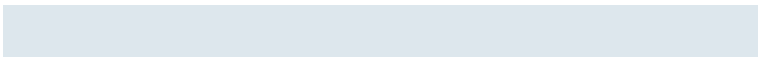
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 227, 232



219, 226, 234



221, 227, 237

Triad

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



219, 226, 234



236, 227, 234



227, 233, 221

Complementary

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



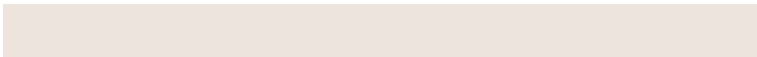
219, 226, 234



234, 221, 219

Split Complementary

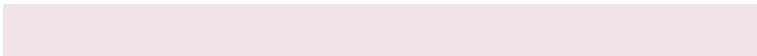
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238, 232, 222



219, 226, 234



239, 227, 230

Square

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



219, 226, 234



231, 228, 237



240, 227, 225



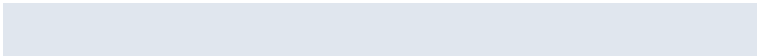
222, 231, 225

Rectangle

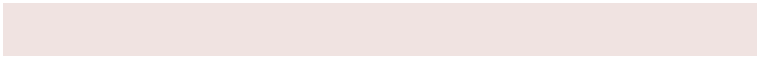
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



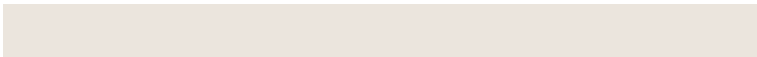
219, 226, 234



224, 228, 238



240, 227, 225



232, 235, 221

Sweetspot

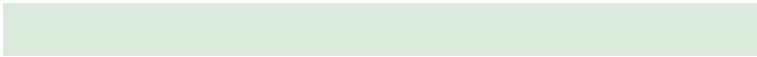
The Sweet Spot groups the original color and five complimentary colors.



219, 226, 234



250, 252, 255



219, 232, 234



125, 126, 128



0, 0, 0



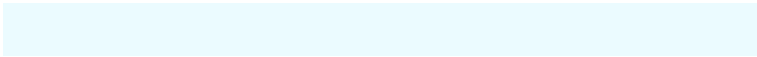
128, 128, 128

Same Dimension

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



219, 226, 234



235, 244, 255



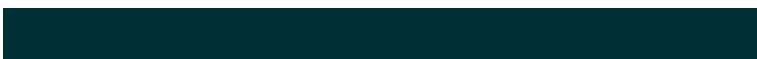
219, 223, 234



106, 111, 117



0, 84, 181



0, 25, 54

Inverse Universe

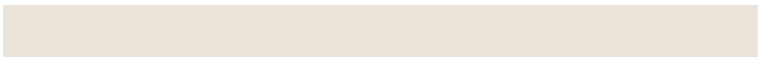
The Inverse Universe completely reimagines the original color for something new.



234, 219, 232



255, 235, 252



229, 234, 219



117, 106, 116



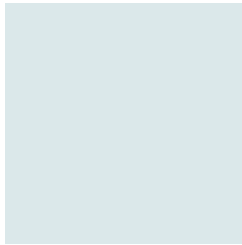
181, 0, 158



54, 0, 47

Previews

White Background



This preview shows how the RYB color 219, 226, 234 looks on a white background.

Color Contrast Check

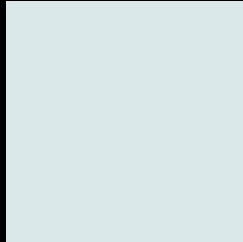
Large Text (above 18pt) WCAG AA × Fail

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 219, 226, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

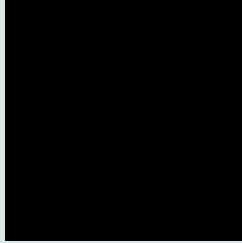
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

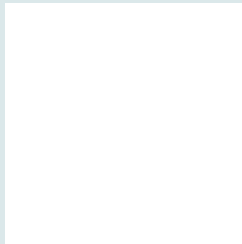
Any Text WCAG AAA ✓ Pass

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

RYB 219, 226, 234 Background



This preview shows how black text looks on a background with the RYB color 219, 226, 234.



This preview shows how white text looks on a background with the RYB color 219, 226, 234.

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](#).

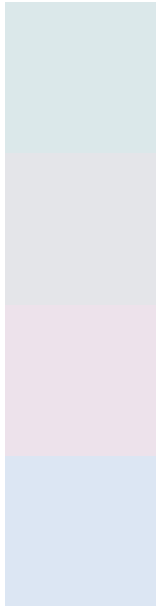
Dichromacy





Tritanopia
221, 228, 248

Trichromacy



Original Color

219, 226, 234

Protanomaly

228, 229, 233

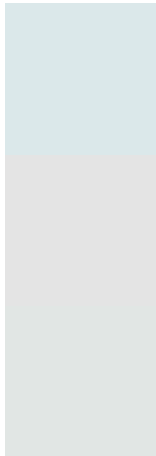
Deuteranomaly

237, 226, 235

Tritanomaly

220, 227, 243

Monochromacy



Original Color

219, 226, 234

Achromatopsia

228, 228, 228

Achromatomaly

225, 228, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 226, 234 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(219, 232, 234)` looks like.

```
.text, #text, p{  
    color:rgb(219, 232, 234)  
}
```

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(219, 232, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 232, 234) }
```

Border

The CSS property to change the border of an element to RYB 219, 226, 234 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(219, 232, 234) }
```

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

```
.border{ border-color:rgb(219, 232, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 232, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 232, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 232, 234);  
box-shadow:4px 4px 4px 4px rgb(219, 232,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 219, 226, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 232, 234) }
```

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

```
.background{ background-color: rgb(219,  
232, 234) }
```

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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