

Converting Colors

`RYB(223, 226, 245)`

Have a look what the booklet for
RYB(223, 226, 245) contains.

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Color

RYB(223, 226, 245)

Conversions

Conversions Part 1

Format	Color
Hex	DFE2F5
RGB	223, 226, 245
RGB Percent	87%, 89%, 96%
CMY	0.1255, 0.1119, 0.0392
CMYK	0.09, 0.08, 0.00, 0.04
HSL	231°, 52%, 92%
HSV	231°, 9%, 96%
XYZ	74.2382, 76.9312, 97.3226
YIQ	227.2690, -7.8870, 5.2730

Conversions

Conversions Part 2

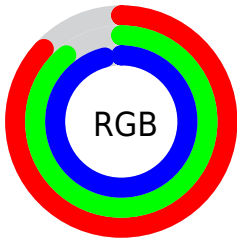
Format	Color
R _{YB}	223, 226, 245
Decimal	14672629
CIE Lab	90.29, 2.32, -9.40
CIE LCh	90, 9.679, 283.879
Yxy	76.9312, 0.2988, 0.3096
Android (android.graphics.Color)	4292862709 (0xFFDFE2F5)
YUV	227.2690, 8.7414, -3.7439
Hunter-Lab	87.7105, -2.4107, -4.3903

Details

The RYB color **223, 226, 245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 245, 223**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 171, 189** is the 20% darker color. If you saturate the color by 10%, you get **199, 205, 245**, and if you desaturate by 10%, it is **245, 247, 245**.

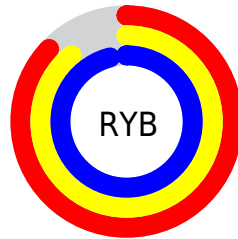
Distribution



Red (87%)

Green (89%)

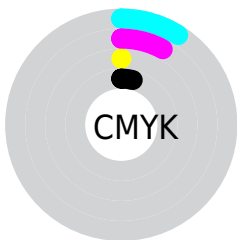
Blue (96%)



Red (87%)

Yellow (89%)

Blue (96%)

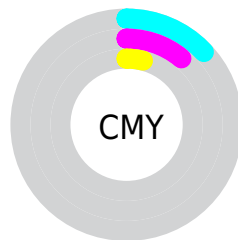


Cyan (9%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (13%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 226, 245 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 223, 226, 245 by changing the saturation by 10% instead.

■ 223, 226, 245

255, 255, 255

■ 223, 226, 245

■ 195, 198, 217

■ 168, 171, 189

■ 141, 144, 162

■ 116, 119, 136

■ 91, 94, 110

■ 67, 70, 86

■ 45, 48, 63

■ 24, 27, 41

■ 0, 0, 21

■ 223, 226, 245

■ 223, 226, 245

■ 199, 205, 245

■ 245, 247, 245

■ 174, 184, 245

■ 245, 255, 245

■ 150, 163, 245

■ 125, 141, 245

■ 100, 120, 245

■ 76, 99, 245

■ 51, 78, 245

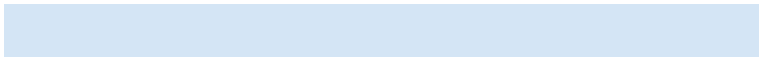
■ 27, 56, 245

■ 2, 36, 245

Harmonies

Analogous

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



212, 223, 245



223, 226, 245



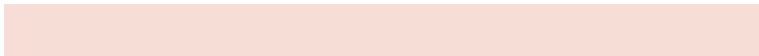
234, 224, 241

Triad

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



223, 226, 245



246, 224, 215



210, 224, 232

Complementary

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



223, 226, 245



226, 245, 223

Split Complementary

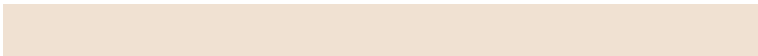
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214, 231, 225



223, 226, 245



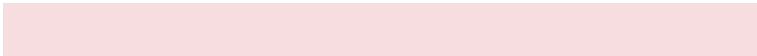
240, 240, 210

Square

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



223, 226, 245



247, 221, 223



211, 230, 209



205, 220, 233

Rectangle

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



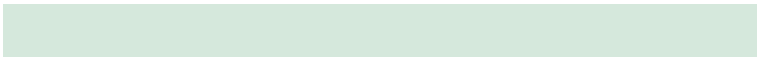
223, 226, 245



241, 222, 235



211, 230, 209



213, 227, 232

Sweetspot

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



223, 226, 245



247, 249, 255



223, 235, 245



122, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 226, 245



227, 231, 255



230, 223, 245



110, 112, 122



0, 25, 186



0, 8, 59

Inverse Universe

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



245, 223, 226



255, 227, 231



223, 245, 230



122, 110, 112



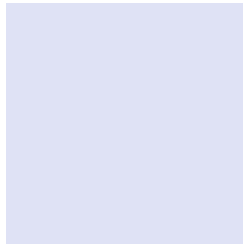
186, 0, 29



59, 0, 9

Previews

White Background



This preview shows how the RYB color 223, 226, 245 looks on a white background.

Color Contrast Check

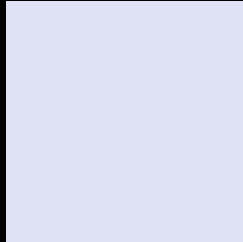
Large Text (above 18pt) WCAG AA × Fail

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 223, 226, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

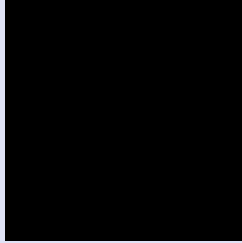
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

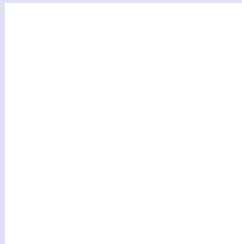
Any Text WCAG AAA ✓ Pass

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

RYB 223, 226, 245 Background



This preview shows how black text looks on a background with the RYB color 223, 226, 245.

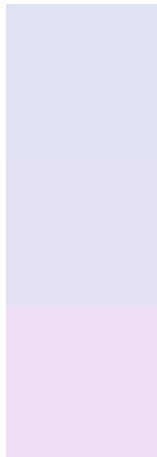


This preview shows how white text looks on a background with the RYB color 223, 226, 245.

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
223, 226, 245

Protanopia
226, 226, 244

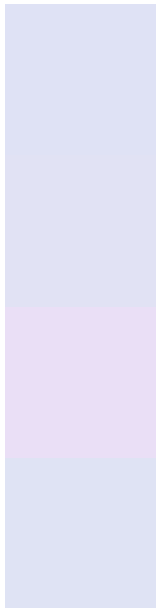
Deuteranopia
240, 221, 246



Tritanopia

223, 226, 244

Trichromacy



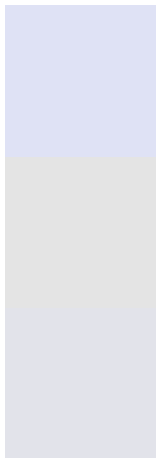
Original Color
223, 226, 245

Protanomaly
225, 226, 244

Deuteranomaly
234, 223, 246

Tritanomaly
223, 226, 244

Monochromacy



Original Color
223, 226, 245

Achromatopsia
228, 228, 228

Achromatomaly
226, 227, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 226, 245 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(223, 226, 245)` looks like.

```
.text, #text, p{  
    color:rgb(223, 226, 245)  
}
```

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(223, 226, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 226, 245) }
```

Border

The CSS property to change the border of an element to RYB 223, 226, 245 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(223, 226, 245) }
```

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

```
.border{ border-color:rgb(223, 226, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 226, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 226, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 226, 245);  
box-shadow:4px 4px 4px 4px rgb(223, 226,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 223, 226, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 226, 245) }
```

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

```
.background{ background-color: rgb(223,  
226, 245) }
```

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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