

Converting Colors

`RYB(219, 222, 226)`

Have a look what the booklet for
RYB(219, 222, 226) contains.

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Color

RYB(219, 222, 226)

Conversions

Conversions Part 1

Format	Color
Hex	DBE0E2
RGB	219, 224, 226
RGB Percent	86%, 88%, 89%
CMY	0.1412, 0.1206, 0.1137
CMYK	0.03, 0.01, 0.00, 0.11
HSL	195°, 11%, 87%
HSV	195°, 3%, 89%
XYZ	69.6638, 73.9968, 82.5627
YIQ	222.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

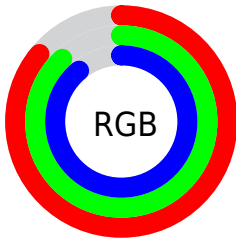
Format	Color
RYB	219, 222, 226
Decimal	14409954
CIELab	88.92, -1.44, -1.48
CIELCh	89, 2.062, 225.842
Yxy	73.9968, 0.3079, 0.3271
Android (android.graphics.Color)	4292600034 (0xFFDBE0E2)
YUV	222.7330, 1.6106, -3.2738
Hunter-Lab	86.0214, -5.9806, 3.3089

Details

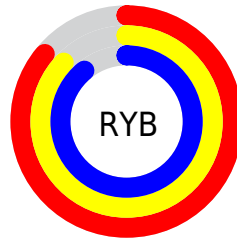
The RYB color **219, 222, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 222, 219**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 167, 171** is the 20% darker color. If you saturate the color by 10%, you get **196, 209, 226**, and if you desaturate by 10%, it is **242, 231, 226**.

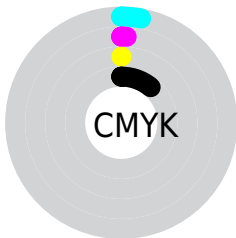
Distribution



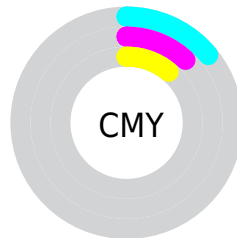
- Red (86%)
- Green (88%)
- Blue (89%)



- Red (86%)
- Yellow (87%)
- Blue (89%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 222, 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 219, 222, 226 by changing the saturation by 10% instead.

■ 219, 222, 226

255, 255, 255

■ 219, 222, 226

■ 191, 194, 198

■ 164, 167, 171

■ 138, 141, 144

■ 112, 115, 119

■ 88, 90, 94

■ 65, 67, 70

■ 43, 45, 48

■ 22, 24, 27

■ 0, 0, 0

■ 219, 222, 226

■ 219, 222, 226

■ 196, 209, 226

■ 242, 231, 226

■ 174, 196, 226

■ 255, 241, 226

■ 151, 183, 226

■ 253, 255, 226

■ 129, 171, 226

■ 237, 255, 226

■ 106, 157, 226

■ 229, 255, 226

■ 83, 144, 226

■ 226, 255, 226

■ 61, 132, 226

■ 38, 119, 226

■ 16, 106, 226

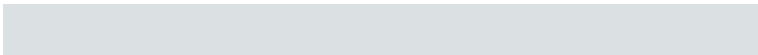
Harmonies

Analogous

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



219, 222, 225



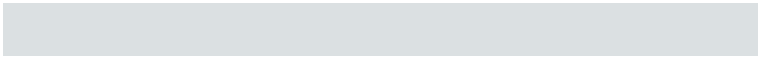
219, 222, 226



220, 223, 227

Triad

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



219, 222, 226



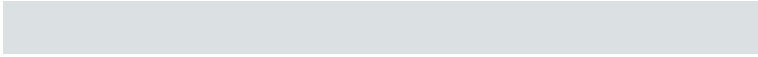
227, 222, 224



220, 224, 219

Complementary

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



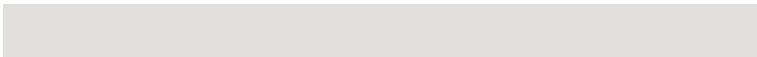
219, 222, 226



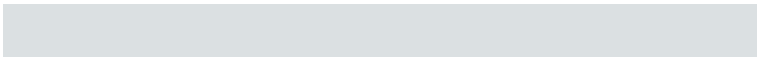
226, 222, 219

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.



226, 226, 220



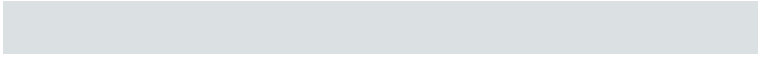
219, 222, 226



228, 222, 222

Square

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



219, 222, 226



225, 222, 226



227, 222, 221



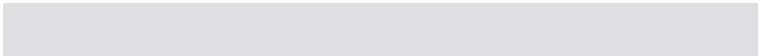
220, 224, 222

Rectangle

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



219, 222, 226



222, 223, 227



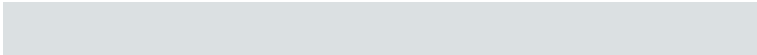
227, 222, 221



222, 225, 219

Sweetspot

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



219, 222, 226



252, 253, 255



219, 224, 226



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

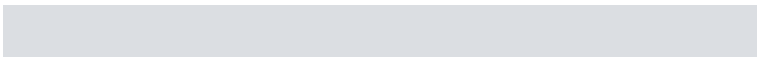
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219, 222, 226



245, 249, 255



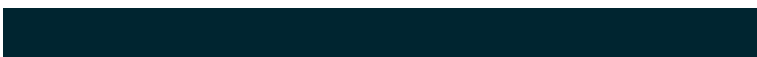
219, 221, 226



107, 109, 112



0, 75, 176



0, 21, 48

Inverse Universe

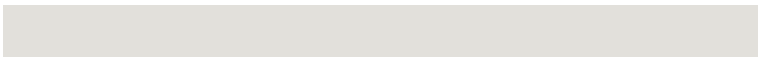
The Inverse Universe completely reimagines the original color for something new.



226, 219, 224



255, 245, 252



222, 226, 219



112, 107, 111



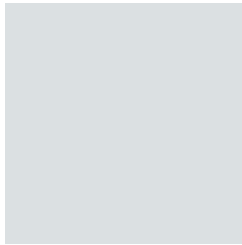
176, 0, 132



48, 0, 36

Previews

White Background



This preview shows how the RYB color 219, 222, 226 looks on a white background.

Color Contrast Check

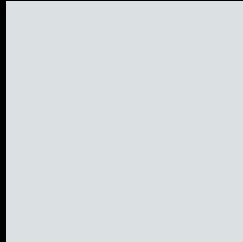
Large Text (above 18pt) WCAG AA × Fail

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 219, 222, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

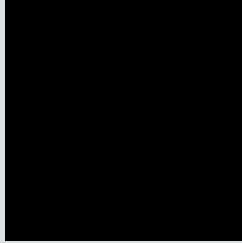
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

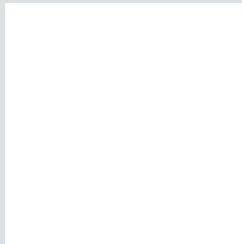
Any Text WCAG AAA ✓ Pass

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

RYB 219, 222, 226 Background



This preview shows how black text looks on a background with the RYB color 219, 222, 226.



This preview shows how white text looks on a background with the RYB color 219, 222, 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

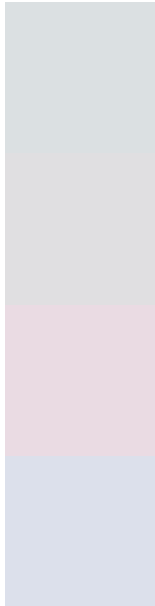




Tritanopia

221, 222, 240

Trichromacy



Original Color

219, 222, 226

Protanomaly

224, 223, 225

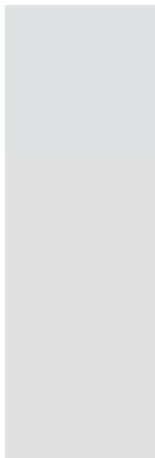
Deuteranomaly

234, 219, 227

Tritanomaly

220, 223, 235

Monochromacy



Original Color

219, 222, 226

Achromatopsia

223, 223, 223

Achromatomaly

222, 223, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 222, 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(219, 224, 226) looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 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(219, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 226) }
```

Border

The CSS property to change the border of an element to RYB 219, 222, 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(219, 224, 226) }
```

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

```
.border{ border-color:rgb(219, 224, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 226);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 219, 224, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 226) }
```

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

```
.background{ background-color: rgb(219,  
224, 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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