

Converting Colors

`RYB(216, 225, 219)`

Have a look what the booklet for
RYB(216, 225, 219) contains.

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Color

RYB(216, 225, 219)

Conversions

Conversions Part 1

Format	Color
Hex	DEE1D8
RGB	222, 225, 216
RGB Percent	87%, 88%, 85%
CMY	0.1294, 0.1176, 0.1529
CMYK	0.01, 0.00, 0.04, 0.12
HSL	80°, 13%, 86%
HSV	80°, 4%, 88%
XYZ	69.4441, 74.3379, 75.6543
YIQ	223.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

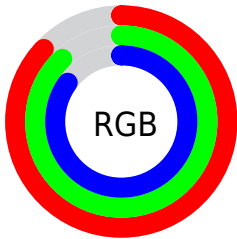
Format	Color
R _Y B	216, 225, 219
Decimal	14606808
CIE Lab	89.08, -2.60, 4.03
CIE LCh	89, 4.802, 122.848
Yxy	74.3379, 0.3165, 0.3388
Android (android.graphics.Color)	4292796888 (0xFFDEE1D8)
YUV	223.0770, -3.4890, -0.9445
Hunter-Lab	86.2194, -7.1140, 8.3289

Details

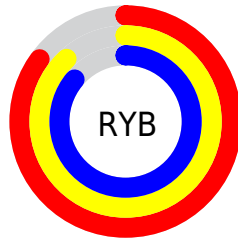
The RYB color **216, 225, 219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 216, 225**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 170, 164** is the 20% darker color. If you saturate the color by 10%, you get **194, 225, 204**, and if you desaturate by 10%, it is **230, 225, 239**.

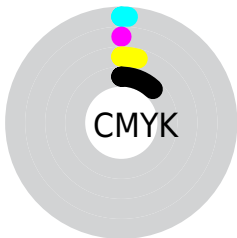
Distribution



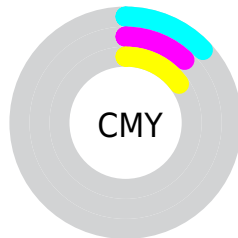
- Red (87%)
- Green (88%)
- Blue (85%)



- Red (85%)
- Yellow (88%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 225, 219 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 216, 225, 219 by changing the saturation by 10% instead.

■ 216, 225, 219

255, 255, 255

■ 216, 225, 219

■ 188, 197, 191

■ 161, 170, 164

■ 135, 143, 137

■ 110, 118, 113

■ 85, 93, 87

■ 62, 70, 65

■ 40, 47, 42

■ 20, 27, 23

■ 0, 0, 0

 216, 225, 219

 216, 225, 219

 194, 225, 204

 230, 225, 239

 171, 225, 189

 237, 225, 255

 148, 225, 173

 244, 225, 255

 126, 225, 159

 252, 225, 255

 103, 225, 143

 255, 225, 255

 81, 225, 129

 59, 225, 114

 36, 225, 99

 14, 225, 84

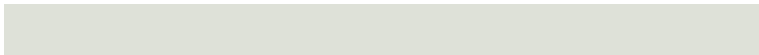
Harmonies

Analogous

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



219, 227, 215



216, 225, 219



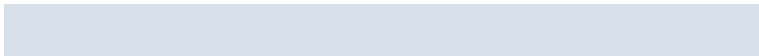
217, 224, 226

Triad

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



216, 225, 219



215, 221, 232



233, 221, 223

Complementary

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



216, 225, 219



219, 216, 225

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.



230, 221, 228



216, 225, 219



220, 223, 233

Square

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



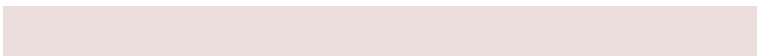
216, 225, 219



213, 220, 228



225, 222, 231



234, 221, 219

Rectangle

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



216, 225, 219



214, 222, 227



225, 222, 231



233, 221, 225

Sweetspot

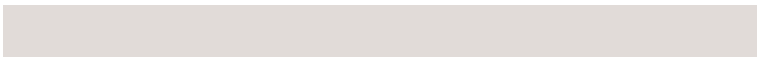
The Sweet Spot groups the original color and five complimentary colors.



216, 225, 219



252, 255, 253



225, 221, 216



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



216, 225, 219



242, 255, 246



216, 225, 223



105, 112, 107



0, 176, 59



0, 48, 16

Inverse Universe

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



219, 216, 225



246, 242, 255



223, 216, 225



108, 105, 112



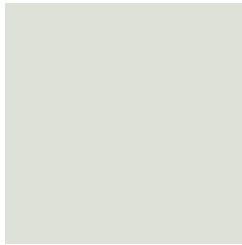
59, 0, 176



16, 0, 48

Previews

White Background



This preview shows how the RYB color 216, 225, 219 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 216, 225, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

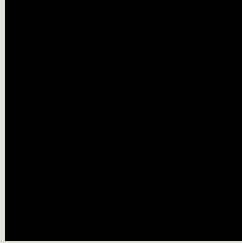
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

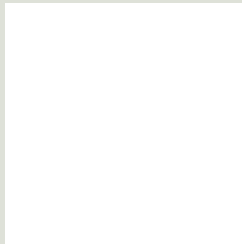
Any Text WCAG AAA ✓ Pass

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

RYB 216, 225, 219 Background



This preview shows how black text looks on a background with the RYB color 216, 225, 219.

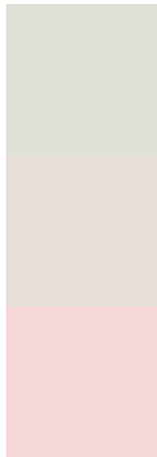


This preview shows how white text looks on a background with the RYB color 216, 225, 219.

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
216, 225, 219

Protanopia
228, 230, 215

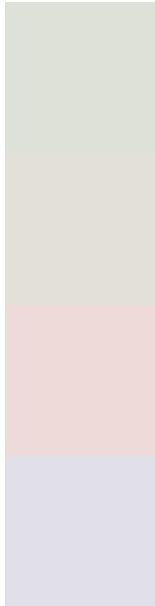
Deuteranopia
247, 216, 218



Tritanopia

226, 222, 239

Trichromacy



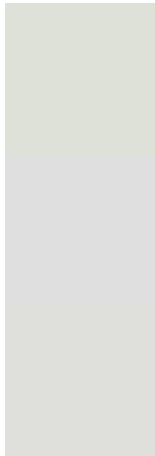
Original Color
216, 225, 219

Protanomaly
219, 227, 215

Deuteranomaly
238, 219, 217

Tritanomaly
225, 223, 231

Monochromacy



Original Color
216, 225, 219

Achromatopsia
223, 223, 223

Achromatomaly
220, 224, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 225, 219 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(222, 225, 216) looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 216)  
}
```

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(222, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 216) }
```

Border

The CSS property to change the border of an element to RYB 216, 225, 219 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(222, 225, 216) }
```

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

```
.border{ border-color:rgb(222, 225, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(222, 225,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 216, 225, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 216) }
```

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

```
.background{ background-color: rgb(222,  
225, 216) }
```

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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