

Converting Colors

RGB(221, 229, 218)

Have a look what the booklet for
RGB(221, 229, 218) contains.

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Color

RGB(221, 229, 218)

Conversions

Conversions Part 1

Format	Color
Hex	DDE5DA
RGB	221, 229, 218
RGB Percent	87%, 90%, 85%
CMY	0.1333, 0.1020, 0.1451
CMYK	0.03, 0.00, 0.05, 0.10
HSL	104°, 17%, 88%
HSV	104°, 5%, 90%
XYZ	70.4930, 76.4727, 77.3750
YIQ	225.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

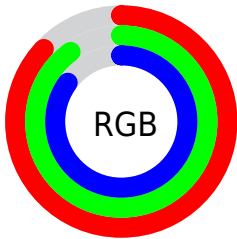
Format	Color
R _Y B	218, 229, 226
Decimal	14542298
CIE Lab	90.08, -4.64, 4.42
CIE LCh	90, 6.410, 136.419
Yxy	76.4727, 0.3142, 0.3409
Android (android.graphics.Color)	4292732378 (0xFFDDE5DA)
YUV	225.3540, -3.6255, -3.8185
Hunter-Lab	87.4487, -9.1451, 8.7540

Details

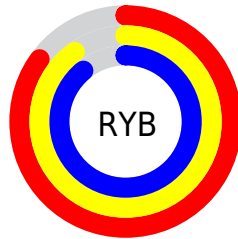
The RGB color **221, 229, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226, 218, 229**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 174, 163** is the 20% darker color. If you saturate the color by 10%, you get **204, 229, 195**, and if you desaturate by 10%, it is **238, 229, 241**.

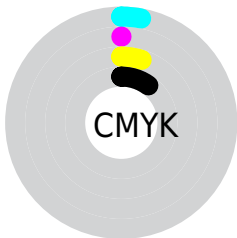
Distribution



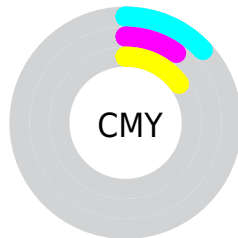
- Red (87%)
- Green (90%)
- Blue (85%)



- Red (85%)
- Yellow (90%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 229, 218 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 RGB color 221, 229, 218 by changing the saturation by 10% instead.

■ 221, 229, 218

255, 255, 255

■ 221, 229, 218

■ 193, 201, 190

■ 166, 174, 163

■ 140, 147, 137

■ 114, 121, 112

■ 90, 96, 87

■ 66, 73, 64

■ 44, 50, 42

■ 24, 29, 22

■ 0, 1, 0

 221, 229, 218

 221, 229, 218

 204, 229, 195

 238, 229, 241

 188, 229, 172


 254, 229, 255


 171, 229, 149

 255, 229, 255

 154, 229, 126

 138, 229, 103

 121, 229, 81

 104, 229, 58

 88, 229, 35

 71, 229, 12

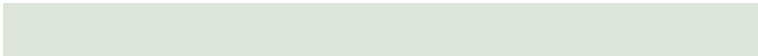
Harmonies

Analogous

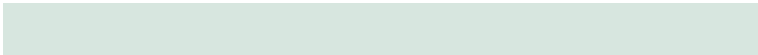
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 227, 215



221, 229, 218



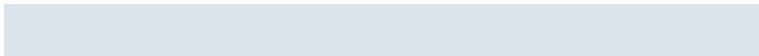
215, 230, 223

Triad

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



221, 229, 218



218, 228, 238



240, 223, 223

Complementary

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



221, 229, 218



226, 218, 229

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, 223, 230



221, 229, 218



225, 226, 238

Square

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



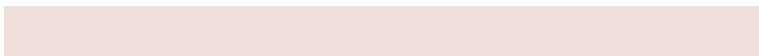
221, 229, 218



213, 230, 235



232, 224, 235



239, 223, 218

Rectangle

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



221, 229, 218



213, 230, 228



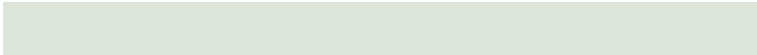
232, 224, 235



240, 223, 225

Sweetspot

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



221, 229, 218



253, 255, 252



229, 226, 218



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



221, 229, 218



244, 255, 240



218, 229, 220



109, 115, 107



49, 179, 0



14, 51, 0

Inverse Universe

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



226, 218, 229



251, 240, 255



229, 218, 227



113, 107, 115



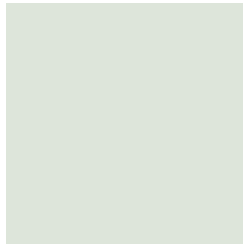
130, 0, 179



37, 0, 51

Previews

White Background



This preview shows how the RGB color 221, 229, 218 looks on a white background.

Color Contrast Check

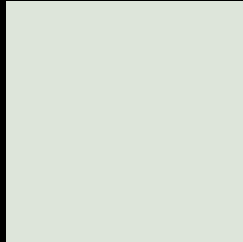
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 221, 229, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

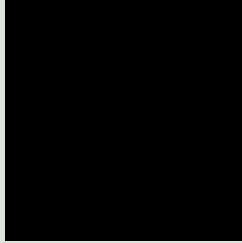
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

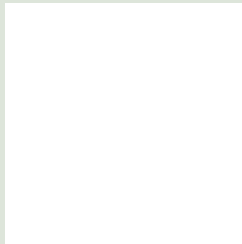
Any Text WCAG AAA ✓ Pass

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

RGB 221, 229, 218 Background



This preview shows how black text looks on a background with the RGB color 221, 229, 218.



This preview shows how white text looks on a background with the RGB color 221, 229, 218.

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](#).

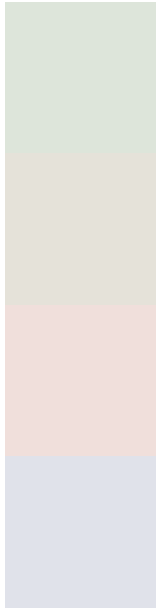
Dichromacy





Tritanopia
225, 225, 243

Trichromacy



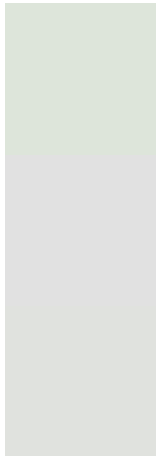
Original Color
221, 229, 218

Protanomaly
229, 226, 217

Deuteranomaly
240, 223, 219

Tritanomaly
224, 226, 234

Monochromacy



Original Color
221, 229, 218

Achromatopsia
225, 225, 225

Achromatomaly
224, 226, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 229, 218 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(221, 229, 218)` looks like.

```
.text, #text, p{  
    color:rgb(221, 229, 218)  
}
```

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(221, 229, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 229, 218) }
```

Border

The CSS property to change the border of an element to RGB 221, 229, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

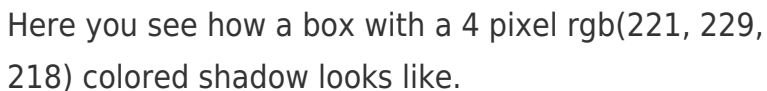
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 229, 218) }
```

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

```
.border{ border-color:rgb(221, 229, 218) }
```

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



Here you see how a box with a 4 pixel rgb(221, 229, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 229, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 229, 218); box-shadow:4px 4px 4px 4px rgb(221, 229, 218) }
```

Background

The CSS property to change the background color of an element to RGB 221, 229, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 229, 218) }
```

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

```
.background{ background-color: rgb(221,  
229, 218) }
```

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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