

Converting Colors

RGB(226, 229, 218)

Have a look what the booklet for
RGB(226, 229, 218) contains.

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Color

RGB(226, 229, 218)

Conversions

Conversions Part 1

Format	Color
Hex	E2E5DA
RGB	226, 229, 218
RGB Percent	89%, 90%, 85%
CMY	0.1137, 0.1020, 0.1451
CMYK	0.01, 0.00, 0.05, 0.10
HSL	76°, 17%, 88%
HSV	76°, 5%, 90%
XYZ	72.0382, 77.2693, 77.4473
YIQ	226.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

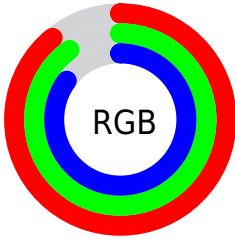
Format	Color
R _Y B	218, 229, 221
Decimal	14869978
CIE Lab	90.45, -2.94, 5.00
CIE LCh	90, 5.798, 120.495
Yxy	77.2693, 0.3177, 0.3408
Android (android.graphics.Color)	4293060058 (0xFFE2E5DA)
YUV	226.8490, -4.3626, -0.7446
Hunter-Lab	87.9030, -7.5459, 9.2944

Details

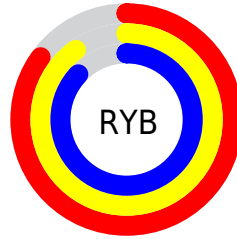
The RGB color **226, 229, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221, 218, 229**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **171, 174, 163** is the 20% darker color. If you saturate the color by 10%, you get **220, 229, 195**, and if you desaturate by 10%, it is **232, 229, 241**.

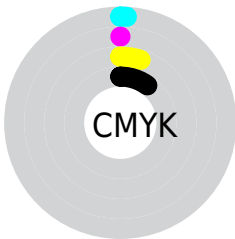
Distribution



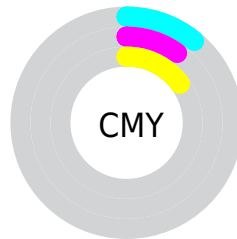
- Red (89%)
- Green (90%)
- Blue (85%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 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 226, 229, 218 by changing the saturation by 10% instead.

■ 226, 229, 218

255, 255, 255

■ 226, 229, 218

■ 198, 201, 190

■ 171, 174, 163

■ 144, 147, 137

■ 119, 121, 112

■ 94, 97, 87

■ 70, 73, 64

■ 48, 50, 42

■ 27, 29, 22

■ 0, 3, 0

■ 226, 229, 218

■ 226, 229, 218

■ 220, 229, 195

■ 232, 229, 241

■ 214, 229, 172

■ 238, 229, 255

■ 207, 229, 149

■ 245, 229, 255

■ 201, 229, 126

■ 251, 229, 255

■ 195, 229, 103

■ 255, 229, 255

■ 189, 229, 81

■ 182, 229, 58

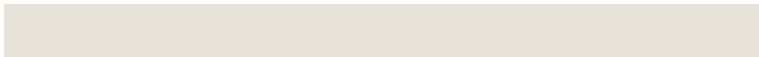
■ 176, 229, 35

■ 170, 229, 12

Harmonies

Analogous

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



232, 227, 217



226, 229, 218



220, 230, 222

Triad

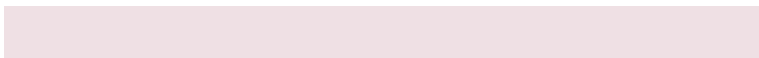
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 229, 218



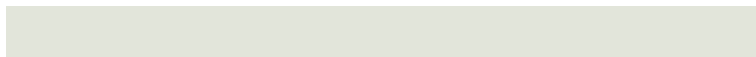
217, 230, 237



239, 224, 228

Complementary

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



226, 229, 218



221, 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.



235, 225, 233



226, 229, 218



222, 228, 239

Square

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



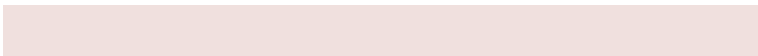
226, 229, 218



214, 231, 233



229, 226, 237



240, 224, 222

Rectangle

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



226, 229, 218



217, 231, 226



229, 226, 237



238, 224, 230

Sweetspot

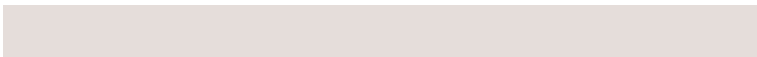
The Sweet Spot groups the original color and five complimentary colors.



226, 229, 218



254, 255, 252



229, 221, 218



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



226, 229, 218



251, 255, 240



221, 229, 218



113, 115, 107



130, 179, 0



37, 51, 0

Inverse Universe

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



221, 218, 229



244, 240, 255



226, 218, 229



109, 107, 115



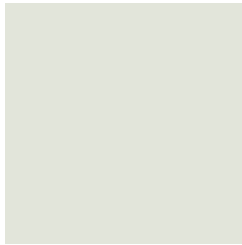
49, 0, 179



14, 0, 51

Previews

White Background



This preview shows how the RGB color 226, 229, 218 looks on a white background.

Color Contrast Check

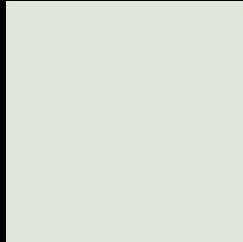
Large Text (above 18pt) WCAG AA × Fail

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 226, 229, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

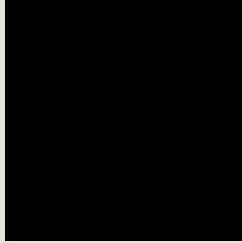
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

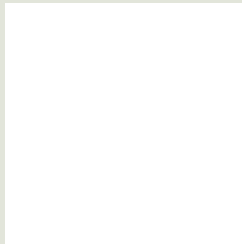
Any Text WCAG AAA ✓ Pass

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

RGB 226, 229, 218 Background



This preview shows how black text looks on a background with the RGB color 226, 229, 218.

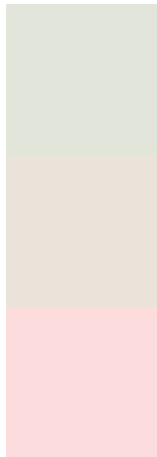


This preview shows how white text looks on a background with the RGB color 226, 229, 218.

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



Original Color
226, 229, 218

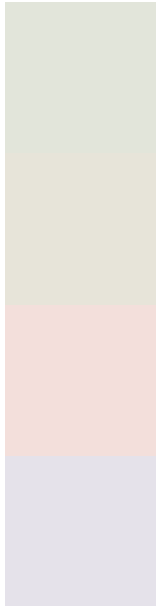
Protanopia
234, 227, 217

Deuteranopia
252, 220, 220



Tritanopia
230, 225, 243

Trichromacy



Original Color

226, 229, 218

Protanomaly

231, 228, 217

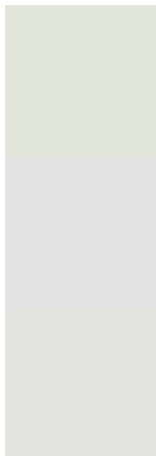
Deuteranomaly

243, 223, 219

Tritanomaly

229, 226, 234

Monochromacy



Original Color

226, 229, 218

Achromatopsia

227, 227, 227

Achromatomaly

227, 228, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 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(226, 229, 218)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 229, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 229, 218) }
```

Border

The CSS property to change the border of an element to RGB 226, 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(226, 229, 218) }
```

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

```
.border{ border-color:rgb(226, 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(226, 229, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 229, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 229, 218);  
box-shadow:4px 4px 4px 4px rgb(226, 229,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 226, 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(226, 229, 218) }
```

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

```
.background{ background-color: rgb(226,  
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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