

# Converting Colors

RGB(225, 226, 218)

Have a look what the booklet for  
RGB(225, 226, 218) contains.

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# Color

**RGB(225, 226, 218)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E1E2DA
RGB	225, 226, 218
RGB Percent	88%, 89%, 85%
CMY	0.1176, 0.1137, 0.1451
CMYK	0.00, 0.00, 0.04, 0.11
HSL	67°, 12%, 87%
HSV	67°, 4%, 89%
XYZ	70.9026, 75.4622, 77.1584
YIQ	224.7890, 1.9720, -2.7000

# Conversions

## Conversions Part 2

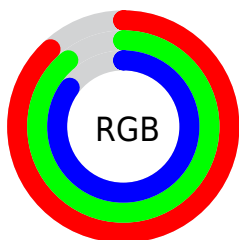
Format	Color
<a href="#">RYB</a>	<a href="#">218, 226, 219</a>
Decimal	<a href="#">14803674</a>
CIELab	<a href="#">89.61, -1.75, 3.78</a>
CIELCh	<a href="#">90, 4.160, 114.808</a>
Yxy	<a href="#">75.4622, 0.3172, 0.3376</a>
Android (android.graphics.Color)	<a href="#">4292993754</a> (0xFFE1E2DA)
YUV	<a href="#">224.7890, -3.3470, 0.1850</a>
Hunter-Lab	<a href="#">86.8690, -6.3288, 8.1460</a>

# Details

The RGB color **225, 226, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 218, 226**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **170, 171, 163** is the 20% darker color. If you saturate the color by 10%, you get **222, 226, 195**, and if you desaturate by 10%, it is **228, 226, 241**.

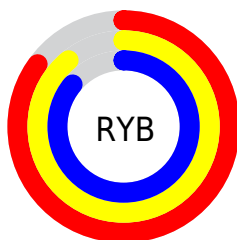
# Distribution



Red (88%)

Green (89%)

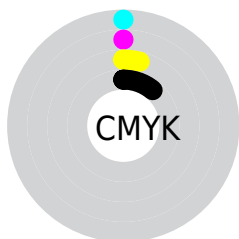
Blue (85%)



Red (85%)

Yellow (89%)

Blue (86%)

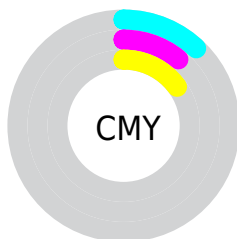


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 225, 226, 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 225, 226, 218 by changing the saturation by 10% instead.




 225, 226, 218

255, 255, 255

 225, 226, 218

 197, 198, 190

 170, 171, 163

 143, 144, 137

 118, 119, 112

 93, 94, 87

 69, 70, 64

 47, 48, 42

 26, 27, 22

 0, 0, 0


 225, 226, 218

 225, 226, 218

 222, 226, 195

 228, 226, 241

 219, 226, 173

 231, 226, 255

 217, 226, 150

 233, 226, 255

 214, 226, 128


 236, 226, 255

 211, 226, 105

 239, 226, 255

 208, 226, 82


 242, 226, 255

 205, 226, 60

 245, 226, 255

 202, 226, 37

 248, 226, 255

 200, 226, 15

 250, 226, 255

# Harmonies

## Analogous

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



230, 225, 217



225, 226, 218



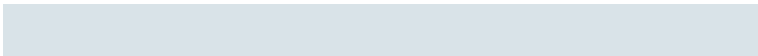
220, 227, 221

# Triad

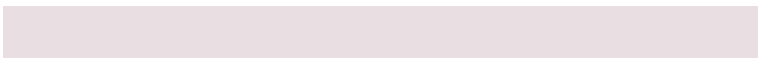
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225, 226, 218



217, 227, 232



233, 223, 226

# Complementary

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



225, 226, 218



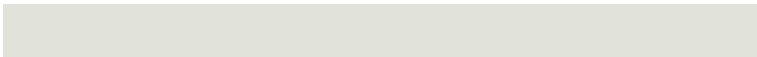
219, 218, 226

# Split Complementary

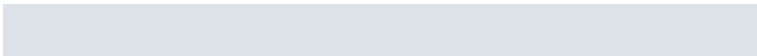
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 223, 230



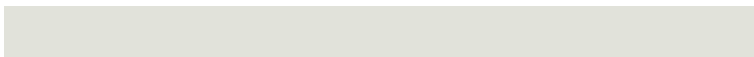
225, 226, 218



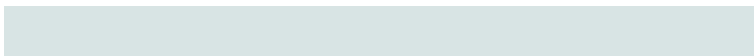
221, 226, 233

# Square

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



225, 226, 218



216, 228, 228



225, 224, 232



234, 223, 222

# Rectangle

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



225, 226, 218



218, 228, 223



225, 224, 232



232, 223, 227



# Sweetspot

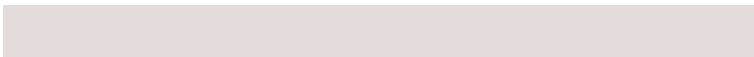
The Sweet Spot groups the original color and five complimentary colors.



225, 226, 218



255, 255, 252



226, 219, 218



127, 128, 126



0, 0, 0



128, 128, 128



# Same Dimension

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



225, 226, 218



254, 255, 245



221, 226, 218



111, 112, 107



154, 176, 0



42, 48, 0



# Inverse Universe

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



219, 218, 226



246, 245, 255



223, 218, 226



107, 107, 112



22, 0, 176

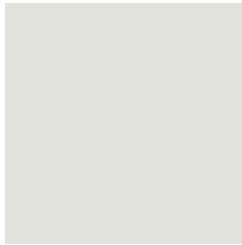


6, 0, 48



# Previews

## White Background



This preview shows how the RGB color 225, 226, 218 looks on a white background.

## Color Contrast Check

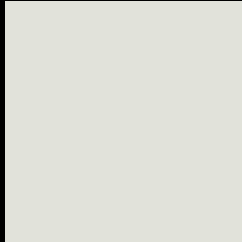
Large Text (above 18pt) WCAG AA × Fail

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 225, 226, 218 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

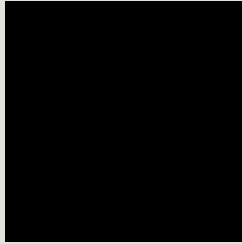
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

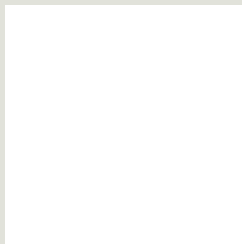
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 225, 226, 218 Background



This preview shows how black text looks on a background with the RGB color 225, 226, 218.

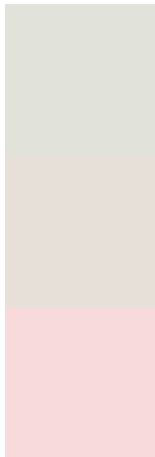


This preview shows how white text looks on a background with the RGB color 225, 226, 218.

# 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**

[225](#), [226](#), [218](#)

**Protanopia**

[231](#), [224](#), [217](#)

**Deuteranopia**

[249](#), [218](#), [220](#)



## **Tritanopia**

228, 223, 240

# Trichromacy



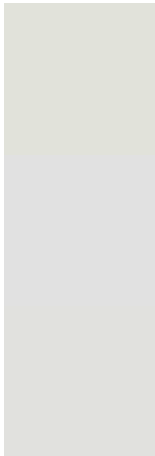
**Original Color**  
225, 226, 218

**Protanomaly**  
229, 225, 217

**Deuteranomaly**  
240, 221, 219

**Tritanomaly**  
227, 224, 232

# Monochromacy



**Original Color**  
225, 226, 218

**Achromatopsia**  
225, 225, 225

**Achromatomaly**  
225, 225, 222

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 225, 226, 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(225, 226, 218) looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 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(225, 226, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 218) }
```

## Border

The CSS property to change the border of an element to RGB 225, 226, 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(225, 226, 218) }
```

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

```
.border{ border-color:rgb(225, 226, 218) }
```

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

Here you see how a box with a 4 pixel rgb(225, 226, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 218);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
218) }
```

# Background

The CSS property to change the background color of an element to RGB 225, 226, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 218) }
```

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

```
.background{ background-color: rgb(225,  
226, 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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