

Converting Colors

RGB(237, 226, 222)

Have a look what the booklet for
RGB(237, 226, 222) contains.

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Color

RGB(237, 226, 222)

Conversions

Conversions Part 1

Format	Color
Hex	EDE2DE
RGB	237, 226, 222
RGB Percent	93%, 89%, 87%
CMY	0.0706, 0.1137, 0.1294
CMYK	0.00, 0.05, 0.06, 0.07
HSL	16°, 29%, 90%
HSV	16°, 6%, 93%
XYZ	75.3062, 77.6712, 80.1302
YIQ	228.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

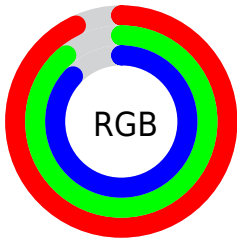
Format	Color
RYB	237, 227, 222
Decimal	15590110
CIELab	90.63, 3.06, 3.28
CIELCh	91, 4.479, 46.993
Yxy	77.6712, 0.3231, 0.3332
Android (android.graphics.Color)	4293780190 (0xFFE2DE)
YUV	228.8330, -3.3687, 7.1625
Hunter-Lab	88.1312, -1.7053, 7.7845

Details

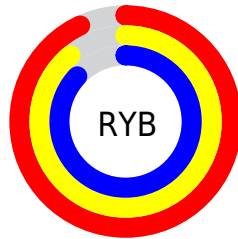
The RGB color **237, 226, 222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 233, 237**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **181, 171, 167** is the 20% darker color. If you saturate the color by 10%, you get **237, 209, 198**, and if you desaturate by 10%, it is **237, 243, 246**.

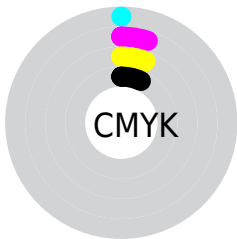
Distribution



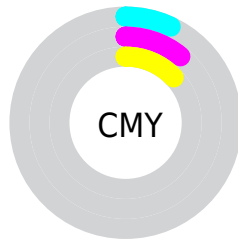
- Red (93%)
- Green (89%)
- Blue (87%)



- Red (93%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 226, 222 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 237, 226, 222 by changing the saturation by 10% instead.

■ 237, 226, 222

255, 255, 255

■ 237, 226, 222

■ 209, 198, 194

■ 181, 171, 167

■ 154, 144, 141

■ 128, 119, 115

■ 103, 94, 91

■ 79, 70, 67

■ 56, 48, 45

■ 35, 27, 24


■ 11, 0, 0

 237, 226, 222

 237, 226, 222

 237, 209, 198


 237, 243, 246

 237, 191, 175

 237, 255, 255

 237, 174, 151

 237, 156, 127

 237, 139, 103

 237, 122, 80

 237, 104, 56

 237, 87, 32

 237, 70, 9

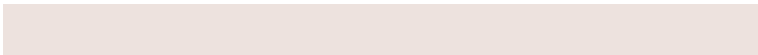
Harmonies

Analogous

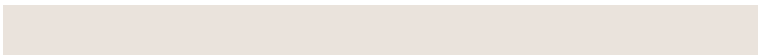
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238, 225, 226



237, 226, 222



234, 227, 220

Triad

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



237, 226, 222



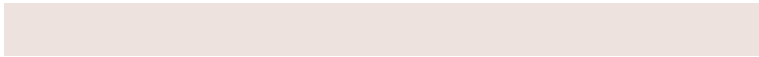
220, 231, 226



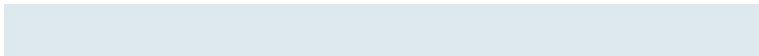
227, 228, 236

Complementary

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



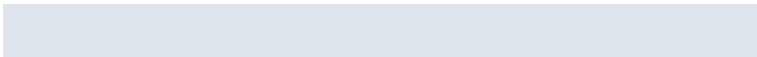
237, 226, 222



222, 233, 237

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.



222, 229, 236



237, 226, 222



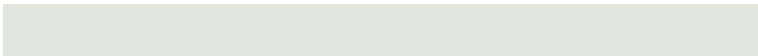
218, 231, 230

Square

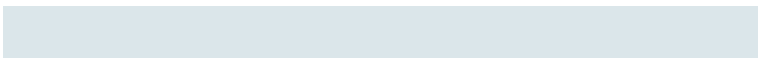
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237, 226, 222



224, 230, 222



219, 230, 234



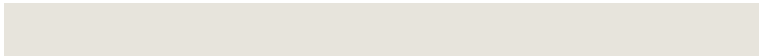
232, 226, 234

Rectangle

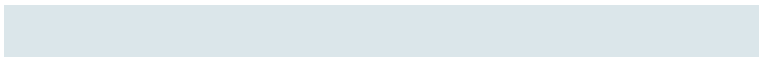
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237, 226, 222



231, 228, 220



219, 230, 234



225, 228, 237

Sweetspot

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



237, 226, 222



255, 251, 250



237, 222, 233



128, 126, 125



0, 0, 0



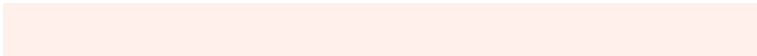
128, 128, 128

Same Dimension

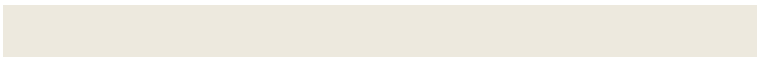
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237, 226, 222



255, 240, 235



237, 233, 222



117, 109, 106



181, 48, 0



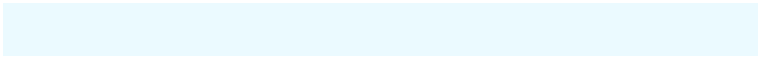
54, 14, 0

Inverse Universe

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



222, 233, 237



235, 250, 255



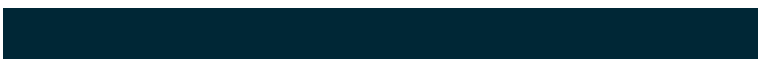
222, 226, 237



106, 114, 117



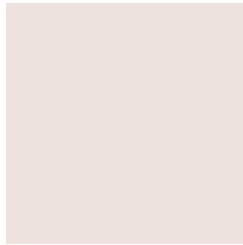
0, 133, 181



0, 39, 54

Previews

White Background



This preview shows how the RGB color 237, 226, 222 looks on a white background.

Color Contrast Check

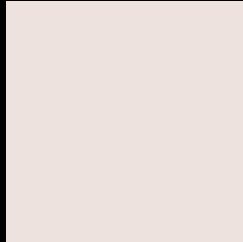
Large Text (above 18pt) WCAG AA × Fail

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 237, 226, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

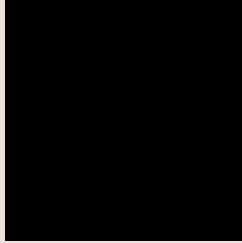
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

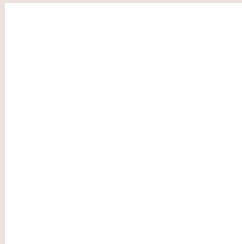
Any Text WCAG AAA ✓ Pass

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

RGB 237, 226, 222 Background



This preview shows how black text looks on a background with the RGB color 237, 226, 222.

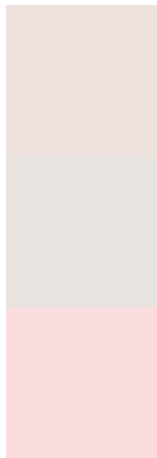


This preview shows how white text looks on a background with the RGB color 237, 226, 222.

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
237, 226, 222

Protanopia
233, 227, 223

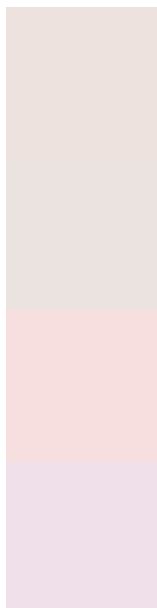
Deuteranopia
252, 221, 223



Tritanopia

240, 223, 241

Trichromacy



Original Color

237, 226, 222

Protanomaly

234, 227, 223

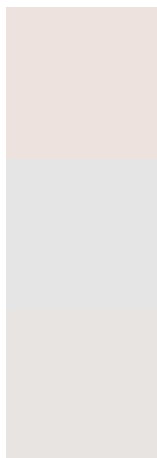
Deuteranomaly

247, 223, 223

Tritanomaly

239, 224, 234

Monochromacy



Original Color

237, 226, 222

Achromatopsia

229, 229, 229

Achromatomaly

232, 228, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 226, 222 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(237, 226, 222)` looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 222)  
}
```

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(237, 226, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 222) }
```

Border

The CSS property to change the border of an element to RGB 237, 226, 222 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(237, 226, 222) }
```

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

```
.border{ border-color:rgb(237, 226, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 226, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 222);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 237, 226, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 226, 222) }
```

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

```
.background{ background-color: rgb(237,  
226, 222) }
```

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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