

Converting Colors

RGB(231, 226, 214)

Have a look what the booklet for
RGB(231, 226, 214) contains.

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Color

RGB(231, 226, 214)

Conversions

Conversions Part 1

Format	Color
Hex	E7E2D6
RGB	231, 226, 214
RGB Percent	91%, 89%, 84%
CMY	0.0941, 0.1137, 0.1608
CMYK	0.00, 0.02, 0.07, 0.09
HSL	42°, 26%, 87%
HSV	42°, 7%, 91%
XYZ	72.2890, 76.2367, 74.5234
YIQ	226.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

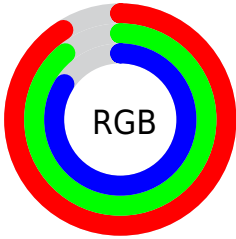
Format	Color
RYB	221, 231, 214
Decimal	15196886
CIELab	89.97, -0.36, 6.45
CIElCh	90, 6.461, 93.204
Yxy	76.2367, 0.3241, 0.3418
Android (android.graphics.Color)	4293386966 (0xFFE7E2D6)
YUV	226.1270, -5.9786, 4.2736
Hunter-Lab	87.3136, -5.0146, 10.5147

Details

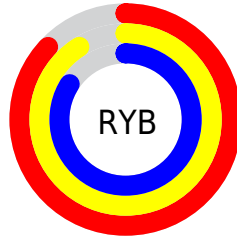
The RGB color **231, 226, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 219, 231**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 171, 159** is the 20% darker color. If you saturate the color by 10%, you get **231, 219, 191**, and if you desaturate by 10%, it is **231, 233, 237**.

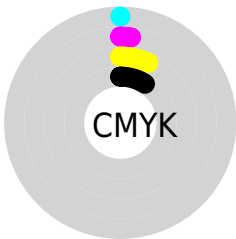
Distribution



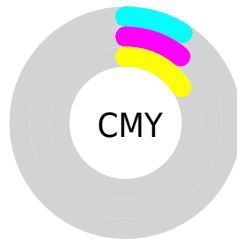
- Red (91%)
- Green (89%)
- Blue (84%)



- Red (87%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 226, 214 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 231, 226, 214 by changing the saturation by 10% instead.

■ 231, 226, 214

255, 255, 255

■ 231, 226, 214

■ 203, 198, 186

■ 175, 171, 159

■ 149, 144, 133

■ 123, 119, 108

■ 98, 94, 84

■ 74, 70, 61


■ 51, 48, 39


■ 30, 27, 18

■ 0, 0, 0

 231, 226, 214


 231, 226, 214

 231, 219, 191


 231, 233, 237

 231, 212, 168


 231, 240, 255

 231, 206, 145


 231, 246, 255


 231, 199, 122


 231, 253, 255


 231, 192, 99

 231, 255, 255

 231, 185, 75

 231, 178, 52

 231, 172, 29

 231, 165, 6

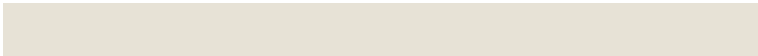
Harmonies

Analogous

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



237, 224, 215



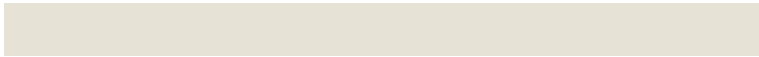
231, 226, 214



224, 228, 216

Triad

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



231, 226, 214



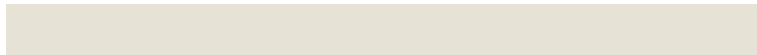
212, 230, 233



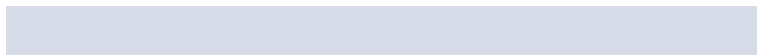
235, 223, 232

Complementary

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



231, 226, 214



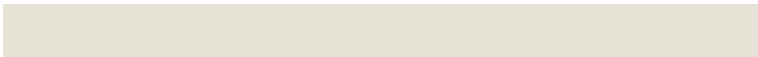
214, 219, 231

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.



228, 224, 237



231, 226, 214



215, 228, 237

Square

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



231, 226, 214



212, 230, 227



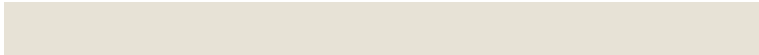
221, 227, 238



239, 222, 226

Rectangle

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



231, 226, 214



219, 229, 219



221, 227, 238



233, 223, 234

Sweetspot

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



231, 226, 214



255, 254, 250



231, 214, 219



128, 127, 125



0, 0, 0



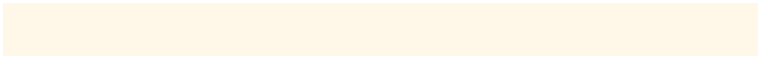
128, 128, 128

Same Dimension

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



231, 226, 214



255, 248, 232



228, 231, 214



115, 111, 103



179, 126, 0



51, 36, 0

Inverse Universe

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



214, 219, 231



232, 239, 255



217, 214, 231



103, 107, 115



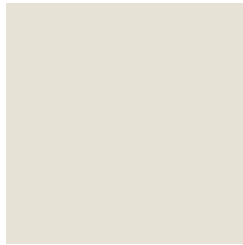
0, 53, 179



0, 15, 51

Previews

White Background



This preview shows how the RGB color 231, 226, 214 looks on a white background.

Color Contrast Check

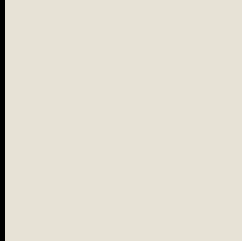
Large Text (above 18pt) WCAG AA × Fail

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 231, 226, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

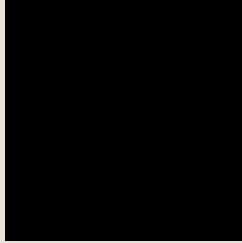
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

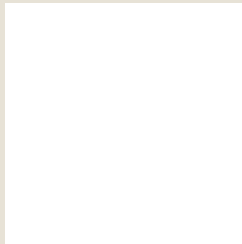
Any Text WCAG AAA ✓ Pass

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

RGB 231, 226, 214 Background



This preview shows how black text looks on a background with the RGB color 231, 226, 214.

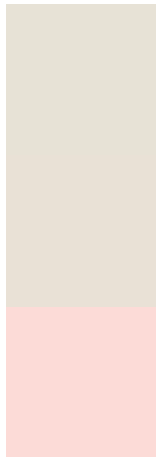


This preview shows how white text looks on a background with the RGB color 231, 226, 214.

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
231, 226, 214

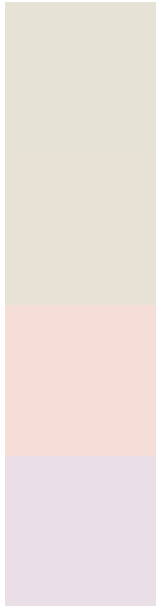
Protanopia
233, 225, 214

Deuteranopia
252, 219, 215



Tritanopia
235, 222, 240

Trichromacy



Original Color

231, 226, 214

Protanomaly

232, 225, 214

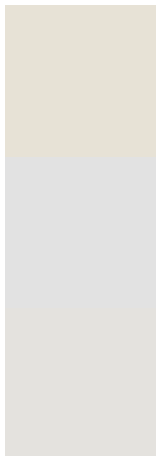
Deuteranomaly

244, 222, 215

Tritanomaly

234, 223, 231

Monochromacy



Original Color

231, 226, 214

Achromatopsia

226, 226, 226

Achromatomaly

228, 226, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 226, 214 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(231, 226, 214) looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 214)  
}
```

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(231, 226, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 214) }
```

Border

The CSS property to change the border of an element to RGB 231, 226, 214 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(231, 226, 214) }
```

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

```
.border{ border-color:rgb(231, 226, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 226, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 226, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 226, 214);  
box-shadow:4px 4px 4px 4px rgb(231, 226,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 231, 226, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 214) }
```

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

```
.background{ background-color: rgb(231,  
226, 214) }
```

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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