

Converting Colors

RGB(237, 226, 216)

Have a look what the booklet for
RGB(237, 226, 216) contains.

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Color

RGB(237, 226, 216)

Conversions

Conversions Part 1

Format	Color
Hex	EDE2D8
RGB	237, 226, 216
RGB Percent	93%, 89%, 85%
CMY	0.0706, 0.1137, 0.1529
CMYK	0.00, 0.05, 0.09, 0.07
HSL	29°, 37%, 89%
HSV	29°, 9%, 93%
XYZ	74.5161, 77.3551, 75.9694
YIQ	228.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

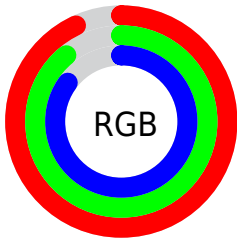
Format	Color
RYB	237, 235, 216
Decimal	15590104
CIELab	90.48, 2.06, 6.21
CIELCh	90, 6.539, 71.675
Yxy	77.3551, 0.3271, 0.3395
Android (android.graphics.Color)	4293780184 (0xFFEDE2D8)
YUV	228.1490, -5.9895, 7.7623
Hunter-Lab	87.9518, -2.6836, 10.3538

Details

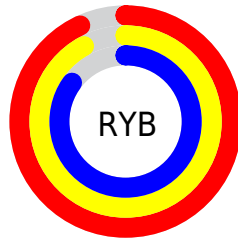
The RGB color **237, 226, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **216, 227, 237**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 171, 161** is the 20% darker color. If you saturate the color by 10%, you get **237, 214, 192**, and if you desaturate by 10%, it is **237, 238, 240**.

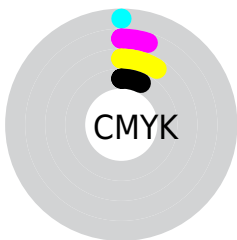
Distribution



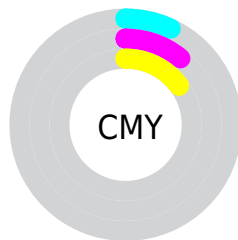
- Red (93%)
- Green (89%)
- Blue (85%)



- Red (93%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 226, 216 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, 216 by changing the saturation by 10% instead.


 237, 226, 216

255, 255, 255

 237, 226, 216

 209, 198, 188

 181, 171, 161

 154, 144, 135

 128, 119, 110

 103, 94, 85

 79, 70, 62

 56, 48, 40

 34, 27, 20

 8, 0, 0

 237, 226, 216

 237, 226, 216

 237, 214, 192


 237, 238, 240

 237, 201, 169

 237, 251, 255

 237, 189, 145

 237, 255, 255

 237, 176, 121

 237, 164, 97

 237, 152, 74

 237, 139, 50

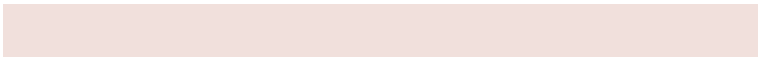
 237, 127, 26

 237, 114, 3

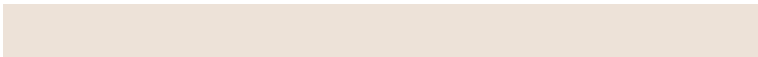
Harmonies

Analogous

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



241, 224, 220



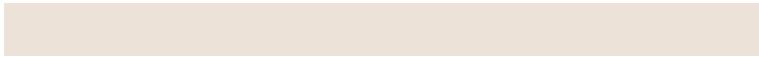
237, 226, 216



231, 228, 216

Triad

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



237, 226, 216



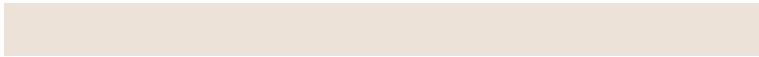
213, 232, 230



232, 225, 237

Complementary

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



237, 226, 216



216, 227, 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.



224, 227, 240



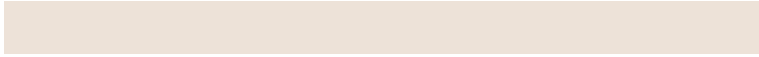
237, 226, 216



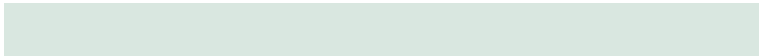
213, 231, 236

Square

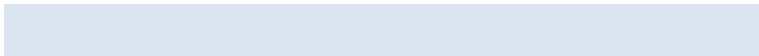
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237, 226, 216



217, 231, 224



218, 229, 239



238, 224, 232

Rectangle

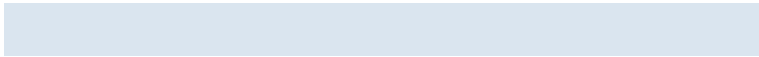
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237, 226, 216



226, 229, 217



218, 229, 239



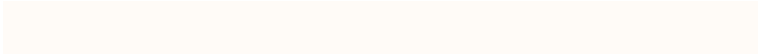
230, 226, 238

Sweetspot

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



237, 226, 216



255, 251, 247



237, 216, 227



128, 125, 122



0, 0, 0



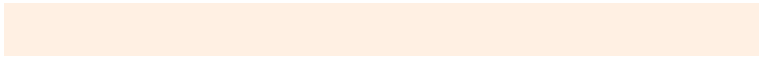
128, 128, 128

Same Dimension

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



237, 226, 216



255, 240, 227



237, 236, 216



117, 111, 106



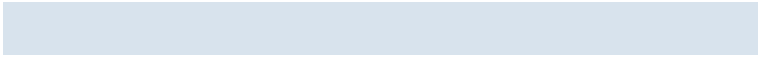
181, 86, 0



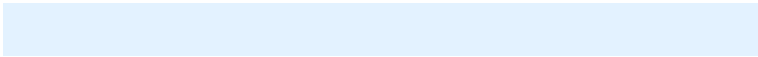
54, 25, 0

Inverse Universe

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



216, 227, 237



227, 242, 255



216, 217, 237



106, 112, 117



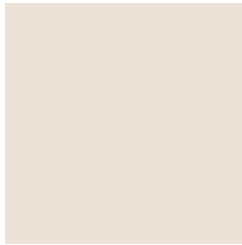
0, 95, 181



0, 28, 54

Previews

White Background



This preview shows how the RGB color 237, 226, 216 looks on a white background.

Color Contrast Check

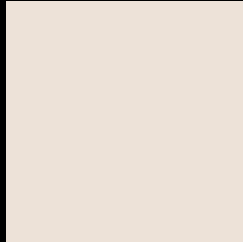
Large Text (above 18pt) WCAG AA × Fail

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, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

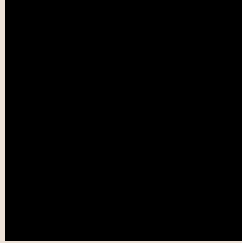
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

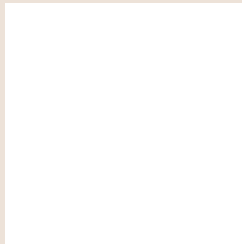
Any Text WCAG AAA ✓ Pass

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

RGB 237, 226, 216 Background



This preview shows how black text looks on a background with the RGB color 237, 226, 216.

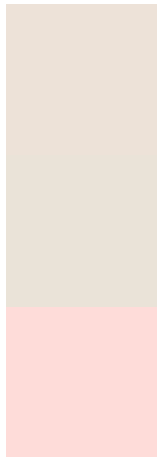


This preview shows how white text looks on a background with the RGB color 237, 226, 216.

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, 216

Protanopia
234, 227, 216

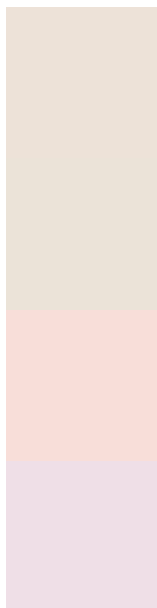
Deuteranopia
254, 220, 217



Tritanopia

240, 222, 240

Trichromacy



Original Color

237, 226, 216

Protanomaly

235, 227, 216

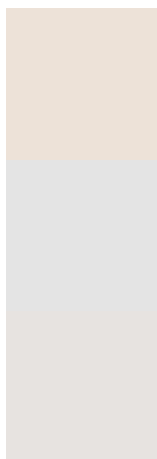
Deuteranomaly

248, 222, 217

Tritanomaly

239, 223, 231

Monochromacy



Original Color

237, 226, 216

Achromatopsia

228, 228, 228

Achromatomaly

231, 227, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 226, 216 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, 216) looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 216) }
```

Border

The CSS property to change the border of an element to RGB 237, 226, 216 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, 216) }
```

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

```
.border{ border-color:rgb(237, 226, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 237, 226, 216 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, 216) }
```

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

```
.background{ background-color: rgb(237,  
226, 216) }
```

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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