

Converting Colors

RGB(244, 226, 216)

Have a look what the booklet for
RGB(244, 226, 216) contains.

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Color

RGB(244, 226, 216)

Conversions

Conversions Part 1

Format	Color
Hex	F4E2D8
RGB	244, 226, 216
RGB Percent	96%, 89%, 85%
CMY	0.0431, 0.1137, 0.1529
CMYK	0.00, 0.07, 0.11, 0.04
HSL	21°, 56%, 90%
HSV	21°, 11%, 96%
XYZ	76.8993, 78.5837, 76.0809
YIQ	230.2420, 13.9380, 0.7060

Conversions

Conversions Part 2

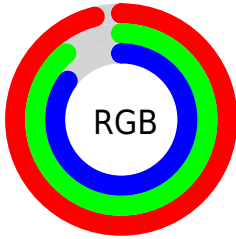
Format	Color
R_{YB}	244, 232, 216
Decimal	16048856
CIE Lab	91.05, 4.50, 7.09
CIE LCh	91, 8.396, 57.574
Yxy	78.5837, 0.3321, 0.3394
Android (android.graphics.Color)	4294238936 (0xFFF4E2D8)
YUV	230.2420, -7.0213, 12.0658
Hunter-Lab	88.6474, -0.2891, 11.1681

Details

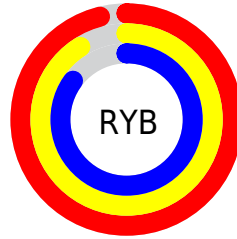
The RGB color **244, 226, 216** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **216, 234, 244**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **188, 171, 161** is the 20% darker color. If you saturate the color by 10%, you get **244, 210, 192**, and if you desaturate by 10%, it is **244, 242, 240**.

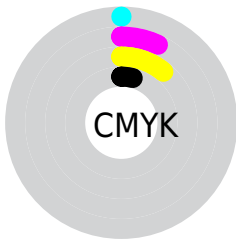
Distribution



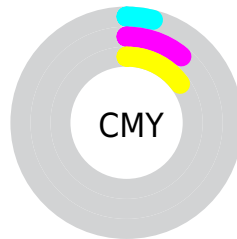
- Red (96%)
- Green (89%)
- Blue (85%)



- Red (96%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 244, 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 244, 226, 216 by changing the saturation by 10% instead.


 244, 226, 216

255, 255, 255

 244, 226, 216

 215, 198, 188


 188, 171, 161

 161, 144, 135

 134, 119, 110

 109, 94, 85

 84, 70, 62

 61, 48, 40

 39, 27, 20

 16, 0, 0

 244, 226, 216


 244, 226, 216


 244, 210, 192


 244, 242, 240


 244, 195, 167


 244, 255, 255


 244, 179, 143

 244, 163, 118

 244, 148, 94

 244, 132, 70

 244, 116, 45

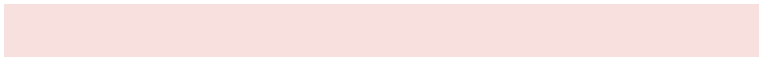
 244, 101, 21

 244, 87, 0

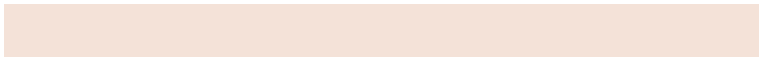
Harmonies

Analogous

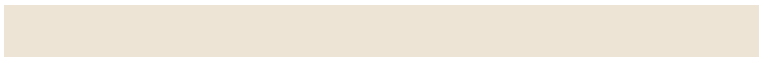
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 224, 222



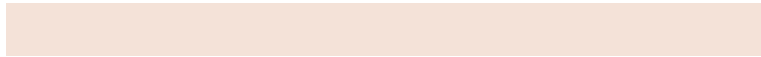
244, 226, 216



237, 228, 213

Triad

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



244, 226, 216



212, 234, 228



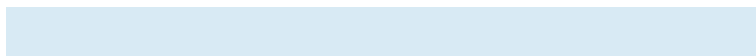
230, 227, 244

Complementary

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



244, 226, 216



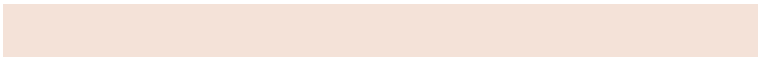
216, 234, 244

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.



221, 230, 245



244, 226, 216



210, 234, 236

Square

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



244, 226, 216



219, 233, 220



213, 233, 243



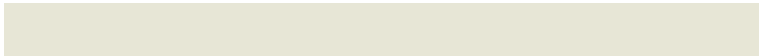
239, 225, 238

Rectangle

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



244, 226, 216



231, 230, 214



213, 233, 243



227, 228, 245

Sweetspot

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



244, 226, 216



255, 250, 247



244, 216, 234



128, 124, 122



0, 0, 0



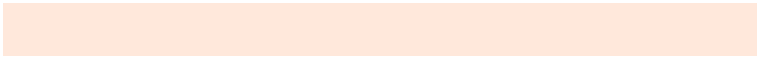
128, 128, 128

Same Dimension

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



244, 226, 216



255, 232, 219



244, 240, 216



122, 115, 110



186, 66, 0



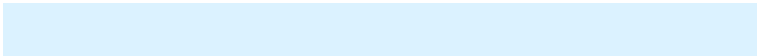
59, 21, 0

Inverse Universe

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



216, 234, 244



219, 242, 255



216, 220, 244



110, 118, 122



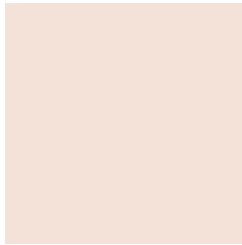
0, 120, 186



0, 38, 59

Previews

White Background



This preview shows how the RGB color 244, 226, 216 looks on a white background.

Color Contrast Check

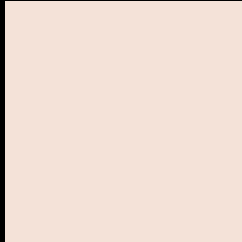
Large Text (above 18pt) WCAG AA × Fail

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 244, 226, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

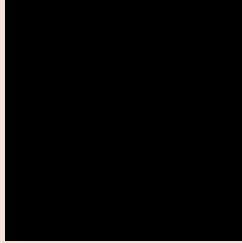
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

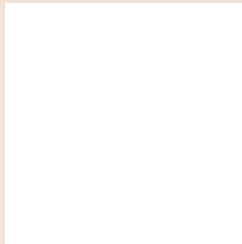
Any Text WCAG AAA ✓ Pass

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

RGB 244, 226, 216 Background



This preview shows how black text looks on a background with the RGB color 244, 226, 216.

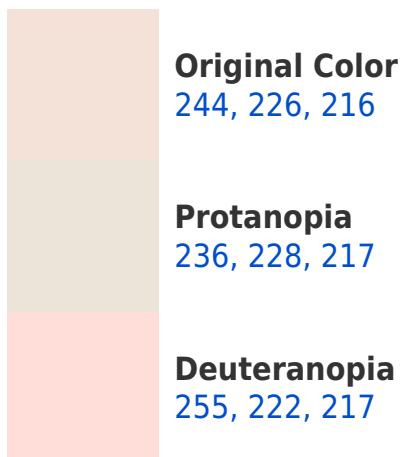


This preview shows how white text looks on a background with the RGB color 244, 226, 216.

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](#).

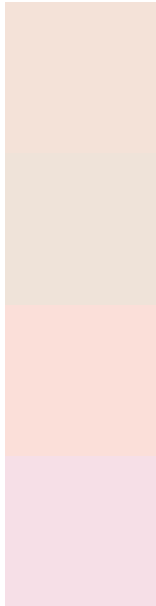
Dichromacy





Tritanopia
247, 222, 240

Trichromacy



Original Color

244, 226, 216

Protanomaly

239, 227, 217

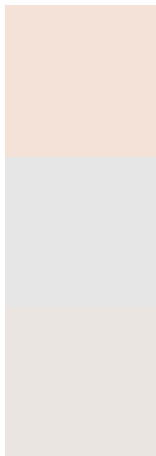
Deuteranomaly

251, 223, 217

Tritanomaly

246, 223, 231

Monochromacy



Original Color

244, 226, 216

Achromatopsia

230, 230, 230

Achromatomaly

235, 229, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 244, 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(244, 226, 216) looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 216) }
```

Border

The CSS property to change the border of an element to RGB 244, 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(244, 226, 216) }
```

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

```
.border{ border-color:rgb(244, 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(244, 226, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 244, 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(244, 226, 216) }
```

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

```
.background{ background-color: rgb(244,  
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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