

Converting Colors

RGB(245, 244, 232)

Have a look what the booklet for
RGB(245, 244, 232) contains.

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Color

RGB(245, 244, 232)

Conversions

Conversions Part 1

Format	Color
Hex	F5F4E8
RGB	245, 244, 232
RGB Percent	96%, 96%, 91%
CMY	0.0392, 0.0431, 0.0902
CMYK	0.00, 0.00, 0.05, 0.04
HSL	55°, 39%, 94%
HSV	55°, 5%, 96%
XYZ	84.5724, 89.9400, 89.2467
YIQ	242.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

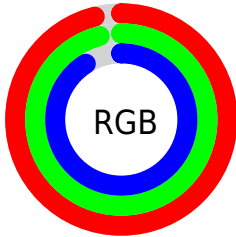
Format	Color
R_{YB}	233, 245, 232
Decimal	16119016
CIE Lab	95.97, -1.72, 5.88
CIE LCh	96, 6.131, 106.335
Yxy	89.9400, 0.3206, 0.3410
Android (android.graphics.Color)	4294309096 (0xFFFF5F4E8)
YUV	242.9310, -5.3890, 1.8145
Hunter-Lab	94.8367, -6.7837, 10.5905

Details

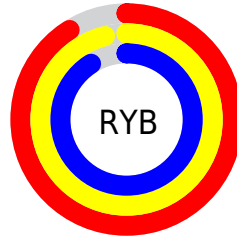
The RGB color 245, 244, 232 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 232, 233, 245, and the grayscale version is 243, 243, 243.

A 20% lighter version of the original color is 255, 255, 255, and 189, 188, 176 is the 20% darker color. If you saturate the color by 10%, you get 245, 242, 208, and if you desaturate by 10%, it is 245, 246, 255.

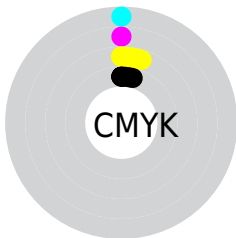
Distribution



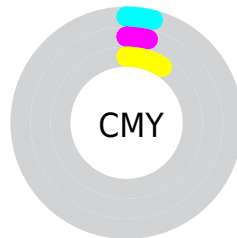
- Red (96%)
- Green (96%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 244, 232 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 245, 244, 232 by changing the saturation by 10% instead.

 245, 244, 232

255, 255, 255

 245, 244, 232

 217, 216, 204

 189, 188, 176


 162, 161, 150


 135, 135, 124

 110, 109, 99

 86, 85, 75

 63, 62, 53

 41, 40, 31

 21, 20, 7

 245, 244, 232

 245, 244, 232

 245, 242, 208

 245, 246, 255

 245, 240, 183

 245, 248, 255

 245, 238, 159


 245, 250, 255

 245, 236, 134


 245, 252, 255


 245, 235, 110


 245, 253, 255

 245, 233, 85

 245, 255, 255

 245, 231, 60

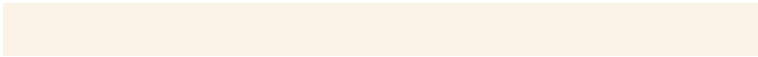
 245, 229, 36

 245, 227, 12

Harmonies

Analogous

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



251, 242, 232



245, 244, 232



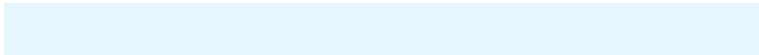
238, 246, 235

Triad

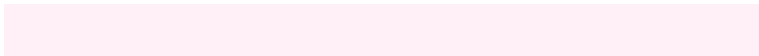
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 244, 232



230, 246, 252



254, 240, 246

Complementary

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



245, 244, 232



232, 233, 245

Split Complementary

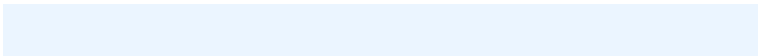
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 241, 252



245, 244, 232



235, 245, 255

Square

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



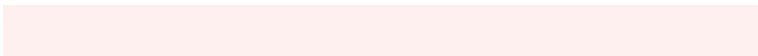
245, 244, 232



229, 247, 246



241, 243, 255



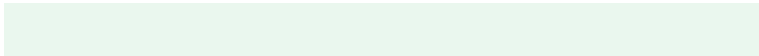
255, 240, 240

Rectangle

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



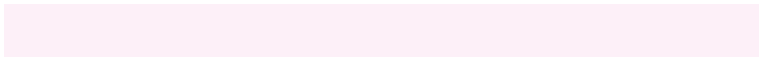
245, 244, 232



234, 247, 238



241, 243, 255



253, 240, 248

Sweetspot

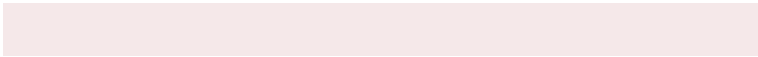
The Sweet Spot groups the original color and five complimentary colors.



245, 244, 232



255, 255, 250



245, 232, 233



128, 127, 125



0, 0, 0



128, 128, 128

Same Dimension

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



245, 244, 232



255, 254, 240



240, 245, 232



122, 122, 114



186, 172, 0



59, 54, 0

Inverse Universe

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



232, 233, 245



240, 241, 255



237, 232, 245



114, 114, 122



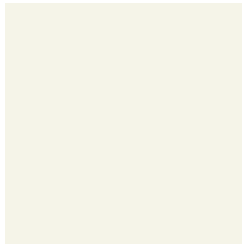
0, 14, 186



0, 5, 59

Previews

White Background



This preview shows how the RGB color 245, 244, 232 looks on a white background.

Color Contrast Check

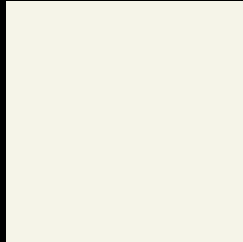
Large Text (above 18pt) WCAG AA × Fail

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 245, 244, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

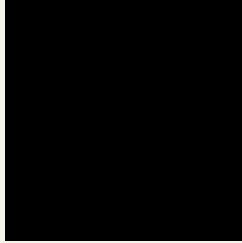
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

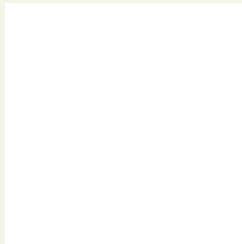
Any Text WCAG AAA ✓ Pass

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

RGB 245, 244, 232 Background



This preview shows how black text looks on a background with the RGB color 245, 244, 232.

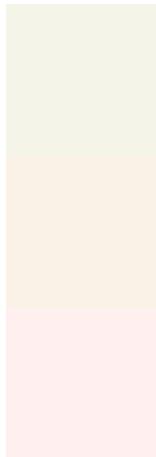


This preview shows how white text looks on a background with the RGB color 245, 244, 232.

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
245, 244, 232

Protanopia
251, 242, 231

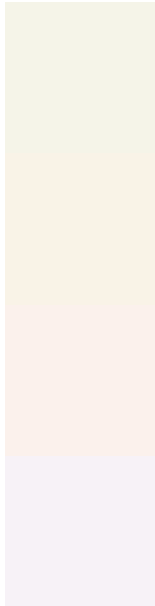
Deuteranopia
255, 240, 239



Tritanopia

248, 241, 255

Trichromacy



Original Color

245, 244, 232

Protanomaly

249, 243, 231

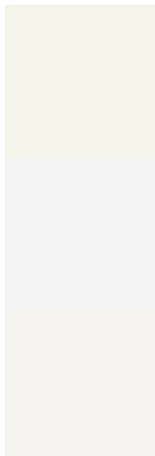
Deuteranomaly

251, 241, 236

Tritanomaly

247, 242, 247

Monochromacy



Original Color

245, 244, 232

Achromatopsia

243, 243, 243

Achromatomaly

244, 243, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 244, 232 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(245, 244, 232) looks like.

```
.text, #text, p{  
    color:rgb(245, 244, 232)  
}
```

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(245, 244, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 244, 232) }
```

Border

The CSS property to change the border of an element to RGB 245, 244, 232 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(245, 244, 232) }
```

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

```
.border{ border-color:rgb(245, 244, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 244, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 244, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 244, 232);  
box-shadow:4px 4px 4px 4px rgb(245, 244,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 245, 244, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 244, 232) }
```

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

```
.background{ background-color: rgb(245,  
244, 232) }
```

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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