Converting Colors

RGB(242, 235, 230)

Have a look what the booklet for RGB(242, 235, 230) contains.

Color

RGB(242, 235, 230)

Conversions

Format	Color
Hex	F2EBE6
RGB	242, 235, 230
RGB Percent	95%, 92%, 90%
CMY	0.0510, 0.0784, 0.0980
CMYK	0.00, 0.03, 0.05, 0.05
HSL	25°, 32%, 93%
HSV	25°, 5%, 95%
XYZ	80.6092, 84.0071, 86.8293
YIQ	236.5230, 5.7770, -0.0710

Conversions Part 1

Conversions

Conversions Part 2

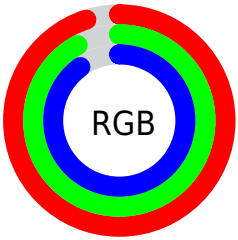
Format	Color
RYB	242, 239, 230
Decimal	15920102
CIELab	93.45, 1.50, 3.25
CIELCh	93, 3.575, 65.231
Yxy	84.0071, 0.3206, 0.3341
Android (android.graphics.Color)	4294110182 (0xFFF2EBE6)
YUV	236.5230, -3.2158, 4.8033
Hunter-Lab	91.6554, -3.4095, 7.9906

Details

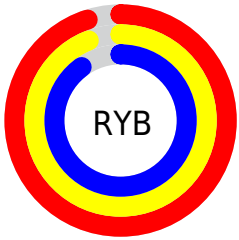
The RGB color 242, 235, 230 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 230, 237, 242, and the grayscale version is 237, 237, 237.

A 20% lighter version of the original color is 255, 255, 255, and 186, 179, 175 is the 20% darker color. If you saturate the color by 10%, you get 242, 221, 206, and if you desaturate by 10%, it is 242, 249, 254.

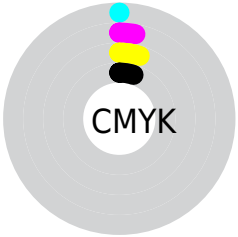
Distribution



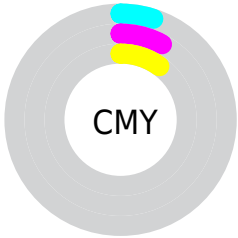
- Red (95%)
- Green (92%)
- Blue (90%)



- Red (95%)
- Yellow (94%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 235, 230 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 242, 235, 230 by changing the saturation by 10% instead.

242, 235, 230

255, 255, 255

242, 235, 230

214, 207, 202

186, 179, 175

159, 153, 148

133, 127, 122

108, 102, 97

83, 78, 74

60, 55, 51

38, 34, 30

18, 11, 5

242, 235, 230

242, 221, 206

242, 207, 182

242, 193, 157

242, 179, 133

242, 164, 109

242, 150, 85

242, 136, 61

242, 122, 36

242, 108, 12

242, 235, 230

242, 249, 254

242, 255, 255

Harmonies

Analogous

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

244, 234, 232

242, 235, 230

239, 236, 229

Triad

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

242, 235, 230

228, 238, 237

238, 235, 242

Complementary

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

242, 235, 230

230, 237, 242

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.

234, 236, 243

242, 235, 230

228, 238, 240

Square

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

242, 235, 230

231, 238, 233

230, 237, 242

241, 234, 239

Rectangle

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

242, 235, 230

236, 237, 230

230, 237, 242

236, 235, 242

Sweetspot

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

242, 235, 230

255, 254, 252

242, 230, 237

128, 127, 126

0, 0, 0

128, 128, 128

Same Dimension

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

242, 235, 230

255, 246, 240

242, 241, 230

120, 115, 111

184, 76, 0

56, 23, 0

Inverse Universe

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

230, 237, 242

240, 249, 255

230, 231, 242

111, 116, 120

0, 107, 184

0, 33, 56

Previews

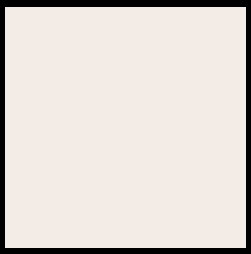
White Background

This preview shows how the RGB color 242, 235, 230 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



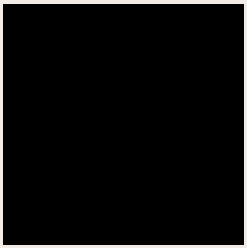
This preview shows how the RGB color 242, 235, 230 looks on a black background.

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 242, 235, 230 Background



This preview shows how black text looks on a background with the RGB color 242, 235, 230.

This preview shows how white text looks on a background with the RGB color 242, 235, 230.

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
242, 235, 230

Protanopia
242, 235, 230

Deuteranopia
255, 230, 233

Tritanopia
245, 232, 250

Trichromacy

Original Color
242, 235, 230

Protanomaly
242, 235, 230

Deuteranomaly
250, 232, 232

Tritanomaly
244, 233, 243

Monochromacy

Original Color
242, 235, 230

Achromatopsia
237, 237, 237

Achromatomaly
239, 236, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 235, 230 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(242, 235, 230) looks like.

```
.text, #text, p{
    color:rgb(242, 235, 230)
}
```

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(242, 235, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 235, 230) }
```

Border

The CSS property to change the border of an element to RGB 242, 235, 230 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(242, 235, 230) }
```

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

```
.border{ border-color:rgb(242, 235, 230) }
```

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

Here you see how a box with a 4 pixel rgb(242, 235, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 235, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 235, 230); box-shadow:4px 4px 4px 4px rgb(242, 235, 230) }
```

Background

The CSS property to change the background color of an element to RGB 242, 235, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(242, 235, 230) }
```

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

```
.background{ background-color:rgb(242,
235, 230) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor