

Converting Colors

RGB(230, 232, 223)

Have a look what the booklet for
RGB(230, 232, 223) contains.

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Color

RGB(230, 232, 223)

Conversions

Conversions Part 1

Format	Color
Hex	E6E8DF
RGB	230, 232, 223
RGB Percent	90%, 91%, 87%
CMY	0.0980, 0.0902, 0.1255
CMYK	0.01, 0.00, 0.04, 0.09
HSL	73°, 16%, 89%
HSV	73°, 4%, 91%
XYZ	74.8090, 79.8639, 81.2845
YIQ	230.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

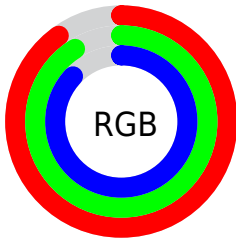
Format	Color
R_{YB}	223, 232, 225
Decimal	15132895
CIE Lab	91.62, -2.25, 4.13
CIE LCh	92, 4.700, 118.602
Yxy	79.8639, 0.3170, 0.3385
Android (android.graphics.Color)	4293322975 (0xFFE6E8DF)
YUV	230.3760, -3.6364, -0.3298
Hunter-Lab	89.3666, -6.9688, 8.6287

Details

The RGB color **230, 232, 223** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **225, 223, 232**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 176, 168** is the 20% darker color. If you saturate the color by 10%, you get **225, 232, 200**, and if you desaturate by 10%, it is **235, 232, 246**.

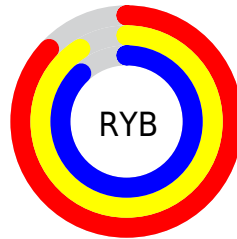
Distribution



Red (90%)

Green (91%)

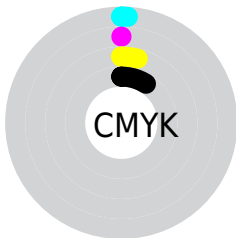
Blue (87%)



Red (87%)

Yellow (91%)

Blue (88%)

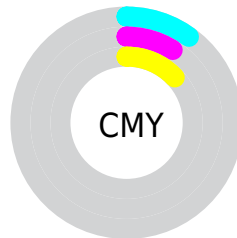


Cyan (1%)

Magenta (0%)

Yellow (4%)

Black (9%)



Cyan (10%)

Magenta (9%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 232, 223 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 230, 232, 223 by changing the saturation by 10% instead.

■ 230, 232, 223

255, 255, 255

■ 230, 232, 223

■ 202, 204, 195

■ 175, 176, 168

■ 148, 150, 141

■ 122, 124, 116

■ 97, 99, 91

■ 74, 75, 68

■ 51, 53, 46

■ 30, 31, 25

■ 3, 7, 0

 230, 232, 223

 230, 232, 223

 225, 232, 200

 235, 232, 246

 220, 232, 177

 240, 232, 255

 215, 232, 153

 245, 232, 255

 209, 232, 130

 251, 232, 255

 204, 232, 107

 255, 232, 255

 199, 232, 84

 194, 232, 61

 189, 232, 37

 184, 232, 14

Harmonies

Analogous

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



235, 231, 222



230, 232, 223



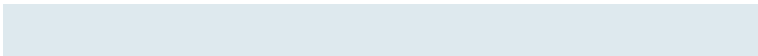
225, 233, 226

Triad

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



230, 232, 223



222, 233, 238



240, 228, 231

Complementary

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



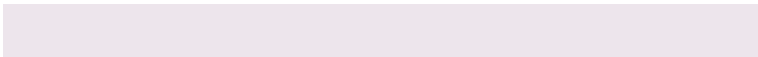
230, 232, 223



225, 223, 232

Split Complementary

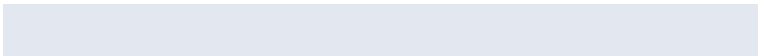
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 229, 236



230, 232, 223



226, 231, 240

Square

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



230, 232, 223



220, 234, 235



232, 230, 239



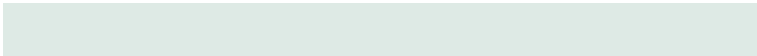
241, 228, 227

Rectangle

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



230, 232, 223



222, 234, 229



232, 230, 239



239, 228, 233

Sweetspot

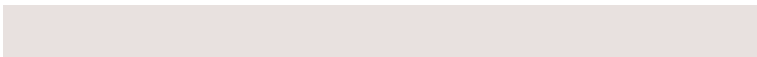
The Sweet Spot groups the original color and five complimentary colors.



230, 232, 223



254, 255, 252



232, 225, 223



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



230, 232, 223



252, 255, 242



226, 232, 223



113, 115, 108



139, 179, 0



40, 51, 0

Inverse Universe

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



225, 223, 232



245, 242, 255



229, 223, 232



109, 108, 115



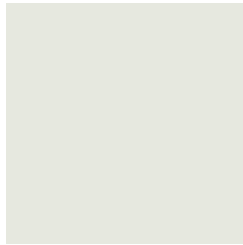
40, 0, 179



11, 0, 51

Previews

White Background



This preview shows how the RGB color 230, 232, 223 looks on a white background.

Color Contrast Check

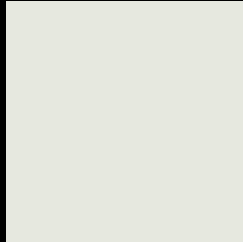
Large Text (above 18pt) WCAG AA × Fail

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 230, 232, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

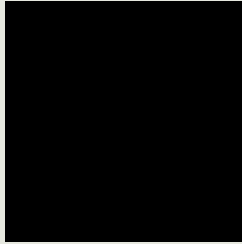
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

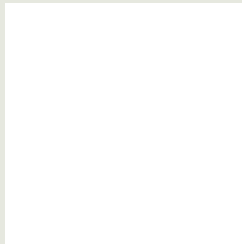
Any Text WCAG AAA ✓ Pass

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

RGB 230, 232, 223 Background



This preview shows how black text looks on a background with the RGB color 230, 232, 223.

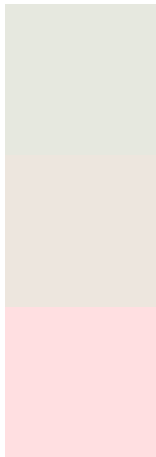


This preview shows how white text looks on a background with the RGB color 230, 232, 223.

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
230, 232, 223

Protanopia
237, 230, 222

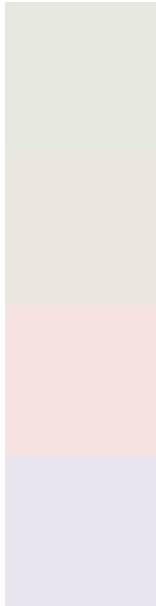
Deuteranopia
255, 223, 225



Tritanopia

234, 228, 246

Trichromacy



Original Color

230, 232, 223

Protanomaly

234, 231, 222

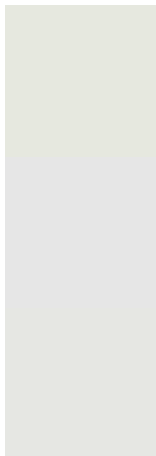
Deuteranomaly

246, 226, 224

Tritanomaly

233, 229, 238

Monochromacy



Original Color

230, 232, 223

Achromatopsia

230, 230, 230

Achromatomaly

230, 231, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 232, 223 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(230, 232, 223) looks like.

```
.text, #text, p{  
    color:rgb(230, 232, 223)  
}
```

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(230, 232, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 232, 223) }
```

Border

The CSS property to change the border of an element to RGB 230, 232, 223 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(230, 232, 223) }
```

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

```
.border{ border-color:rgb(230, 232, 223) }
```

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

Here you see how a box with a 4 pixel rgb(230, 232, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 232, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 232, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 232,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 230, 232, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 232, 223) }
```

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

```
.background{ background-color: rgb(230,  
232, 223) }
```

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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