

Converting Colors

RGB(232, 240, 226)

Have a look what the booklet for
RGB(232, 240, 226) contains.

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Color

RGB(232, 240, 226)

Conversions

Conversions Part 1

Format	Color
Hex	E8F0E2
RGB	232, 240, 226
RGB Percent	91%, 94%, 89%
CMY	0.0902, 0.0588, 0.1137
CMYK	0.03, 0.00, 0.06, 0.06
HSL	94°, 32%, 91%
HSV	94°, 6%, 94%
XYZ	78.1663, 84.9670, 84.2320
YIQ	236.0120, -0.2740, -6.0500

Conversions

Conversions Part 2

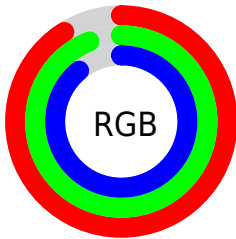
Format	Color
R _Y B	226, 240, 234
Decimal	15266018
CIE Lab	93.87, -5.12, 5.83
CIE LCh	94, 7.761, 131.300
Yxy	84.9670, 0.3160, 0.3435
Android (android.graphics.Color)	4293456098 (0xFFE8F0E2)
YUV	236.0120, -4.9359, -3.5185
Hunter-Lab	92.1775, -9.9432, 10.3450

Details

The RGB color **232, 240, 226** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **234, 226, 240**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 184, 171** is the 20% darker color. If you saturate the color by 10%, you get **218, 240, 202**, and if you desaturate by 10%, it is **246, 240, 250**.

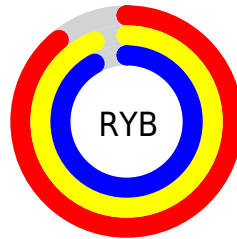
Distribution



Red (91%)

Green (94%)

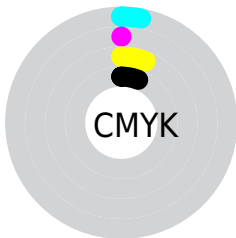
Blue (89%)



Red (89%)

Yellow (94%)

Blue (92%)

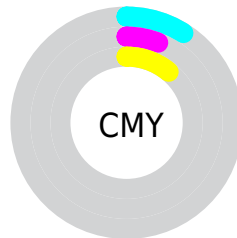


Cyan (3%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (9%)

Magenta (6%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 240, 226 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 232, 240, 226 by changing the saturation by 10% instead.

■ 232, 240, 226

255, 255, 255

■ 232, 240, 226

■ 204, 212, 198

■ 176, 184, 171

■ 150, 157, 144

■ 124, 131, 119

■ 99, 106, 94

■ 75, 82, 70

■ 52, 59, 48

■ 31, 37, 27

■ 7, 16, 0

232, 240, 226

232, 240, 226

218, 240, 202

246, 240, 250

205, 240, 178

255, 240, 255

191, 240, 154

177, 240, 130

163, 240, 106

150, 240, 82

136, 240, 58

122, 240, 34

109, 240, 10

Harmonies

Analogous

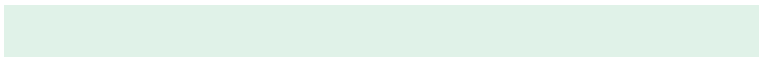
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 238, 223



232, 240, 226



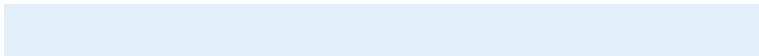
224, 242, 232

Triad

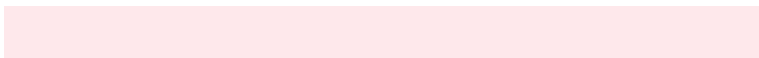
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232, 240, 226



225, 239, 251



254, 232, 235

Complementary

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



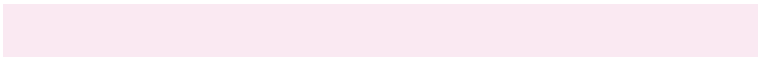
232, 240, 226



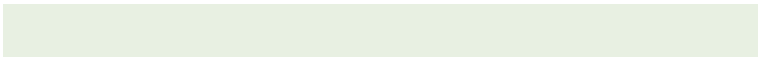
234, 226, 240

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.



250, 233, 242



232, 240, 226



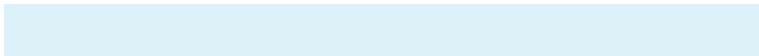
233, 237, 252

Square

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



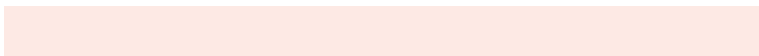
232, 240, 226



220, 241, 247



242, 235, 249



253, 233, 228

Rectangle

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



232, 240, 226



221, 242, 237



242, 235, 249



253, 232, 237

Sweetspot

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



232, 240, 226



252, 255, 250



240, 234, 226



126, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

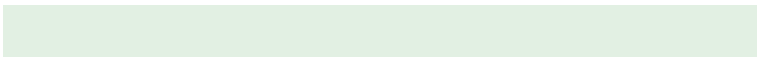
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232, 240, 226



245, 255, 237



226, 240, 227



114, 120, 110



79, 184, 0



24, 56, 0

Inverse Universe

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



234, 226, 240



247, 237, 255



240, 226, 239



116, 110, 120



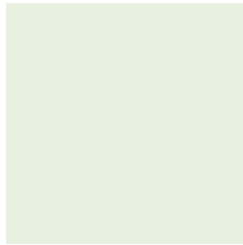
105, 0, 184



32, 0, 56

Previews

White Background



This preview shows how the RGB color 232, 240, 226 looks on a white background.

Color Contrast Check

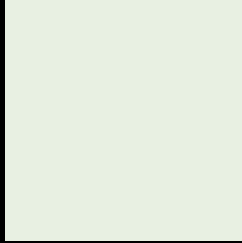
Large Text (above 18pt) WCAG AA × Fail

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 232, 240, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

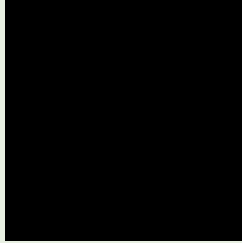
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

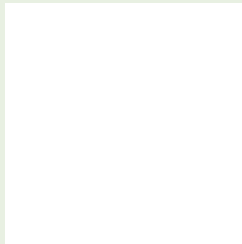
Any Text WCAG AAA ✓ Pass

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

RGB 232, 240, 226 Background



This preview shows how black text looks on a background with the RGB color 232, 240, 226.

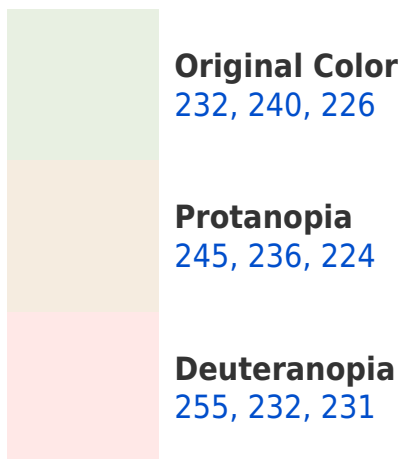


This preview shows how white text looks on a background with the RGB color 232, 240, 226.

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](#).

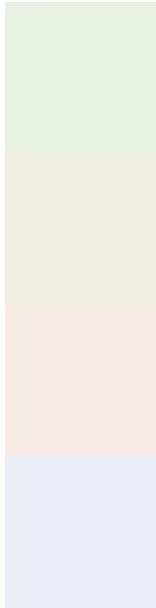
Dichromacy





Tritanopia
236, 236, 254

Trichromacy



Original Color

232, 240, 226

Protanomaly

240, 237, 225

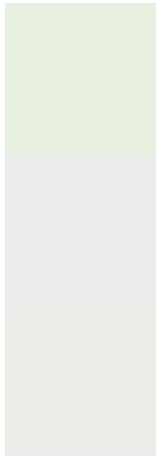
Deuteranomaly

247, 235, 229

Tritanomaly

235, 237, 244

Monochromacy



Original Color

232, 240, 226

Achromatopsia

236, 236, 236

Achromatomaly

235, 237, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 240, 226 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(232, 240, 226) looks like.

```
.text, #text, p{  
    color:rgb(232, 240, 226)  
}
```

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(232, 240, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 240, 226) }
```

Border

The CSS property to change the border of an element to RGB 232, 240, 226 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(232, 240, 226) }
```

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

```
.border{ border-color:rgb(232, 240, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 240, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 240, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 240, 226); box-shadow:4px 4px 4px 4px rgb(232, 240, 226) }
```

Background

The CSS property to change the background color of an element to RGB 232, 240, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 240, 226) }
```

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

```
.background{ background-color: rgb(232,  
240, 226) }
```

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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