

Converting Colors

RGB(232, 245, 222)

Have a look what the booklet for
RGB(232, 245, 222) contains.

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Color

RGB(232, 245, 222)

Conversions

Conversions Part 1

Format	Color
Hex	E8F5DE
RGB	232, 245, 222
RGB Percent	91%, 96%, 87%
CMY	0.0902, 0.0392, 0.1294
CMYK	0.05, 0.00, 0.09, 0.04
HSL	94°, 53%, 92%
HSV	94°, 9%, 96%
XYZ	79.1159, 87.7345, 81.8718
YIQ	238.4910, -0.3650, -9.9090

Conversions

Conversions Part 2

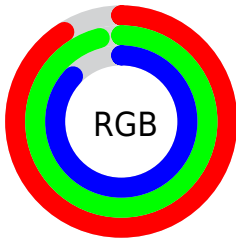
Format	Color
R_{YB}	222, 245, 235
Decimal	15267294
CIE _{Lab}	95.05, -8.32, 9.60
CIE _{LCh}	95, 12.701, 130.924
Y _{xy}	87.7345, 0.3181, 0.3527
Android (android.graphics.Color)	4293457374 (0xFFE8F5DE)
YUV	238.4910, -8.1301, -5.6926
Hunter-Lab	93.6667, -13.1461, 13.7427

Details

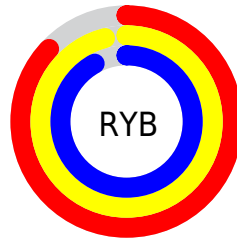
The RGB color **232, 245, 222** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **235, 222, 245**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 189, 167** is the 20% darker color. If you saturate the color by 10%, you get **218, 245, 198**, and if you desaturate by 10%, it is **246, 245, 247**.

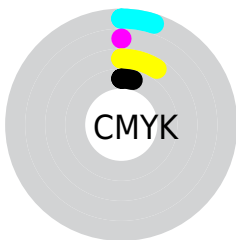
Distribution



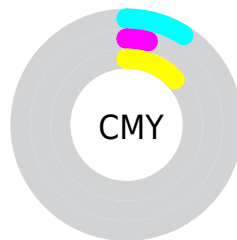
- Red (91%)
- Green (96%)
- Blue (87%)



- Red (87%)
- Yellow (96%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 245, 222 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, 245, 222 by changing the saturation by 10% instead.

■ 232, 245, 222

255, 255, 255

■ 232, 245, 222

■ 204, 217, 194

■ 176, 189, 167

■ 150, 162, 141

■ 124, 136, 115

■ 99, 110, 90

■ 75, 86, 67

■ 52, 63, 45

■ 31, 41, 24

■ 7, 21, 0

 232, 245, 222

 232, 245, 222

 218, 245, 198

 246, 245, 247

 204, 245, 173


 255, 245, 255


 190, 245, 149

 177, 245, 124

 163, 245, 100

 149, 245, 75

 135, 245, 51

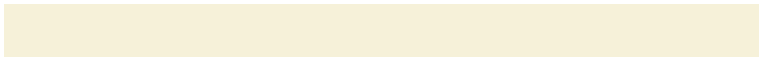
 121, 245, 26

 107, 245, 2

Harmonies

Analogous

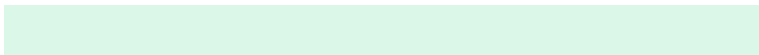
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246, 241, 217



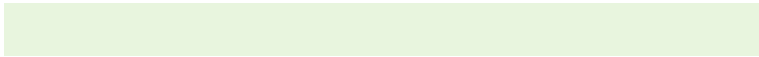
232, 245, 222



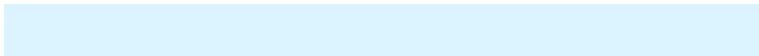
219, 247, 232

Triad

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



232, 245, 222



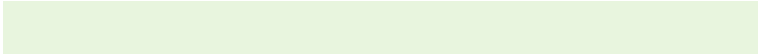
220, 244, 255



255, 233, 237

Complementary

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



232, 245, 222



235, 222, 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.



255, 233, 249



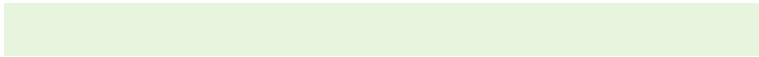
232, 245, 222



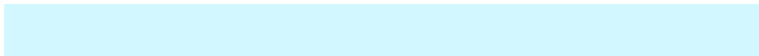
234, 240, 255

Square

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



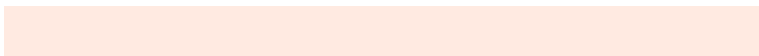
232, 245, 222



211, 247, 255



249, 236, 255



255, 234, 225

Rectangle

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



232, 245, 222



213, 248, 241



249, 236, 255



255, 233, 241

Sweetspot

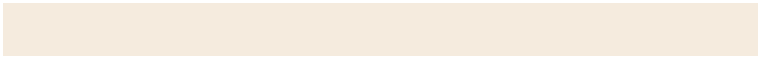
The Sweet Spot groups the original color and five complimentary colors.



232, 245, 222



251, 255, 247



245, 235, 222



125, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



232, 245, 222



239, 255, 227



222, 245, 223



115, 122, 110



81, 186, 0



25, 59, 0

Inverse Universe

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



235, 222, 245



243, 227, 255



245, 222, 244



117, 110, 122



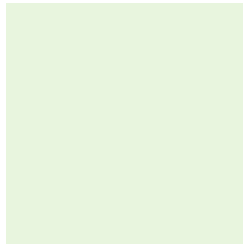
105, 0, 186



33, 0, 59

Previews

White Background



This preview shows how the RGB color 232, 245, 222 looks on a white background.

Color Contrast Check

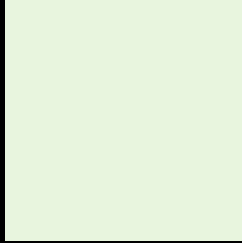
Large Text (above 18pt) WCAG AA × Fail

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, 245, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

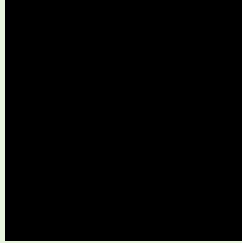
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

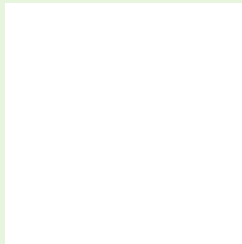
Any Text WCAG AAA ✓ Pass

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

RGB 232, 245, 222 Background



This preview shows how black text looks on a background with the RGB color 232, 245, 222.

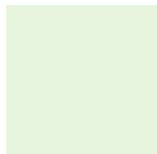


This preview shows how white text looks on a background with the RGB color 232, 245, 222.

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](#).

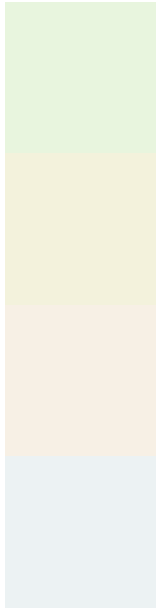
Dichromacy

	Original Color 232 , 245 , 222
	Protanopia 250 , 240 , 219
	Deuteranopia 255 , 237 , 233



Tritanopia
238, 240, 255

Trichromacy



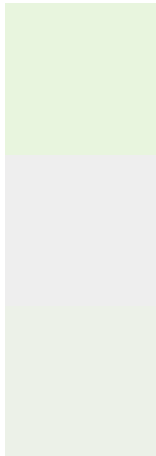
Original Color
232, 245, 222

Protanomaly
243, 242, 220

Deuteranomaly
247, 240, 229

Tritanomaly
236, 242, 243

Monochromacy



Original Color
232, 245, 222

Achromatopsia
238, 238, 238

Achromatomaly
236, 241, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 245, 222 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, 245, 222)` looks like.

```
.text, #text, p{  
    color:rgb(232, 245, 222)  
}
```

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, 245, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 245, 222) }
```

Border

The CSS property to change the border of an element to RGB 232, 245, 222 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, 245, 222) }
```

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

```
.border{ border-color:rgb(232, 245, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 245, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 245, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 245, 222); box-shadow:4px 4px 4px 4px rgb(232, 245, 222) }
```

Background

The CSS property to change the background color of an element to RGB 232, 245, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 245, 222) }
```

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

```
.background{ background-color: rgb(232,  
245, 222) }
```

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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