

Converting Colors

RGB(222, 237, 202)

Have a look what the booklet for
RGB(222, 237, 202) contains.

RGB(222, 237, 202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(222, 237, 202)

Conversions

Conversions Part 1

Format	Color
Hex	DEEDCA
RGB	222, 237, 202
RGB Percent	87%, 93%, 79%
CMY	0.1294, 0.0706, 0.2078
CMYK	0.06, 0.00, 0.15, 0.07
HSL	86°, 49%, 86%
HSV	86°, 15%, 93%
XYZ	71.0691, 80.3622, 67.6428
YIQ	228.5250, 2.2950, -14.0650

Conversions

Conversions Part 2

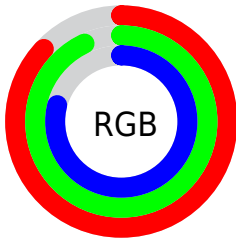
Format	Color
RYB	202, 237, 217
Decimal	14609866
CIELab	91.85, -11.04, 15.29
CIELCh	92, 18.857, 125.827
Yxy	80.3622, 0.3244, 0.3668
Android (android.graphics.Color)	4292799946 (0xFFDEEDCA)
YUV	228.5250, -13.0768, -5.7224
Hunter-Lab	89.6450, -15.3669, 18.0134

Details

The RGB color **222, 237, 202** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **217, 202, 237**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **167, 181, 148** is the 20% darker color. If you saturate the color by 10%, you get **212, 237, 178**, and if you desaturate by 10%, it is **232, 237, 226**.

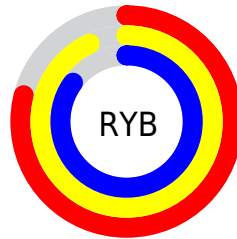
Distribution



Red (87%)

Green (93%)

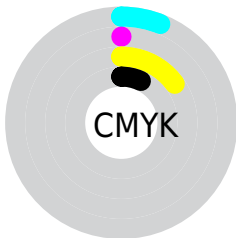
Blue (79%)



Red (79%)

Yellow (93%)

Blue (85%)

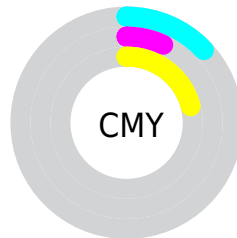


Cyan (6%)

Magenta (0%)

Yellow (15%)

Black (7%)



Cyan (13%)

Magenta (7%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 237, 202 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 222, 237, 202 by changing the saturation by 10% instead.

■ 222, 237, 202

255, 255, 255

■ 222, 237, 202

■ 194, 209, 175

■ 167, 181, 148

■ 140, 154, 122

■ 115, 128, 97

■ 90, 103, 73

■ 66, 79, 51

■ 44, 56, 29

■ 23, 35, 5

■ 0, 12, 0

 222, 237, 202

 222, 237, 202

 212, 237, 178

 232, 237, 226

 202, 237, 155


 242, 237, 249


 192, 237, 131


 252, 237, 255


 181, 237, 107

 255, 237, 255

 171, 237, 83

 161, 237, 60

 151, 237, 36

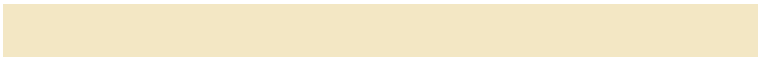
 141, 237, 12

 135, 237, 0

Harmonies

Analogous

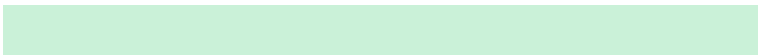
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 231, 196



222, 237, 202



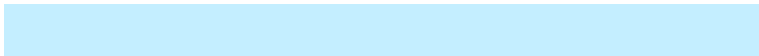
202, 241, 216

Triad

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



222, 237, 202



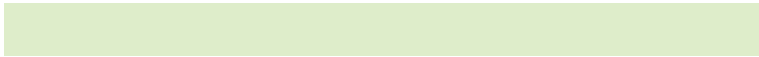
196, 238, 255



255, 219, 229

Complementary

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



222, 237, 202



217, 202, 237

Split Complementary

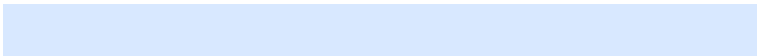
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 221, 247



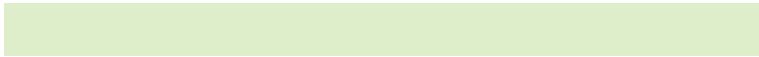
222, 237, 202



216, 232, 255

Square

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



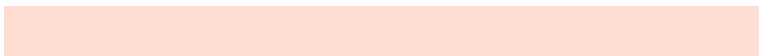
222, 237, 202



185, 241, 252



240, 226, 255



255, 221, 211

Rectangle

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



222, 237, 202



192, 242, 228



240, 226, 255



255, 219, 235

Sweetspot

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



222, 237, 202



251, 255, 245



237, 217, 202



125, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

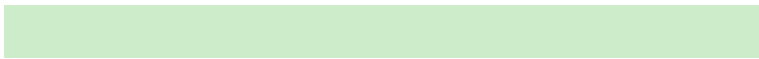
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222, 237, 202



235, 255, 209



205, 237, 202



112, 117, 106



103, 181, 0



31, 54, 0

Inverse Universe

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



217, 202, 237



229, 209, 255



234, 202, 237



111, 106, 117



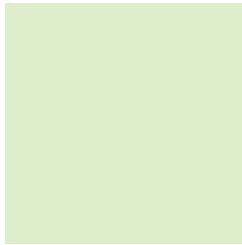
78, 0, 181



23, 0, 54

Previews

White Background



This preview shows how the RGB color 222, 237, 202 looks on a white background.

Color Contrast Check

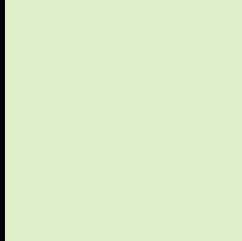
Large Text (above 18pt) WCAG AA × Fail

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 222, 237, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

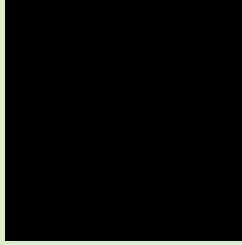
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

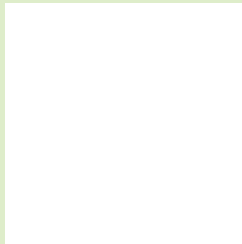
Any Text WCAG AAA ✓ Pass

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

RGB 222, 237, 202 Background



This preview shows how black text looks on a background with the RGB color 222, 237, 202.



This preview shows how white text looks on a background with the RGB color 222, 237, 202.

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

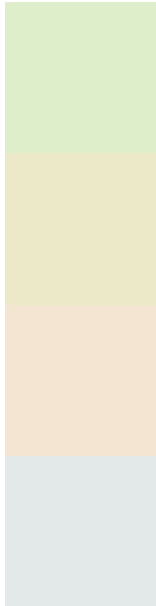




Tritanopia

229, 230, 249

Trichromacy



Original Color

222, 237, 202

Protanomaly

235, 233, 200

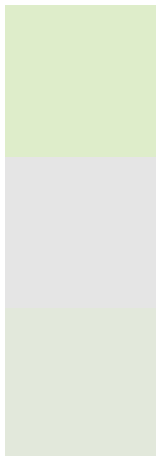
Deuteranomaly

243, 229, 209

Tritanomaly

226, 233, 232

Monochromacy



Original Color

222, 237, 202

Achromatopsia

229, 229, 229

Achromatomaly

226, 232, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 237, 202 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(222, 237, 202)` looks like.

```
.text, #text, p{  
    color:rgb(222, 237, 202)  
}
```

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(222, 237, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 237, 202) }
```

Border

The CSS property to change the border of an element to RGB 222, 237, 202 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(222, 237, 202) }
```

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

```
.border{ border-color:rgb(222, 237, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 237, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 237, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 237, 202);  
box-shadow:4px 4px 4px 4px rgb(222, 237,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 222, 237, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 237, 202) }
```

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

```
.background{ background-color: rgb(222,  
237, 202) }
```

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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