

Converting Colors

RGB(212, 232, 212)

Have a look what the booklet for
RGB(212, 232, 212) contains.

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Color

RGB(212, 232, 212)

Conversions

Conversions Part 1	
Format	Color
Hex	D4E8D4
RGB	212, 232, 212
RGB Percent	83%, 91%, 83%
CMY	0.1686, 0.0902, 0.1686
CMYK	0.09, 0.00, 0.09, 0.09
HSL	120°, 30%, 87%
HSV	120°, 9%, 91%
XYZ	67.8917, 76.4637, 73.4681
YIQ	223.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

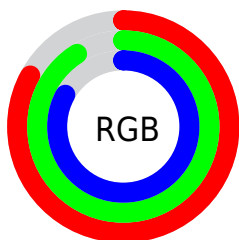
Format	Color
RYB	212, 232, 232
Decimal	13953236
CIELab	90.07, -10.26, 7.47
CIELCh	90, 12.692, 143.958
Yxy	76.4637, 0.3117, 0.3510
Android (android.graphics.Color)	4292143316 (0xFFD4E8D4)
YUV	223.7400, -5.7878, -10.2960
Hunter-Lab	87.4435, -14.4378, 11.3964

Details

The RGB color **212, 232, 212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **232, 212, 232**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is 255, 255, 255, and **157, 176, 157** is the 20% darker color. If you saturate the color by 10%, you get **189, 232, 189**, and if you desaturate by 10%, it is **235, 232, 235**.

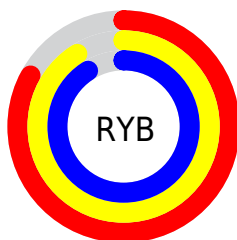
Distribution



Red (83%)

Green (91%)

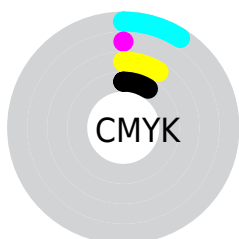
Blue (83%)



Red (83%)

Yellow (91%)

Blue (91%)

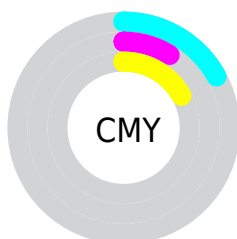


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (9%)



Cyan (17%)

Magenta (9%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 232, 212 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 212, 232, 212 by changing the saturation by 10% instead.

 212, 232, 212

 212, 232, 212

255, 255, 255

 184, 204, 184

 157, 176, 157

 131, 150, 131

 106, 124, 106

 82, 99, 82

 58, 75, 59

 37, 52, 37

 16, 31, 17

 0, 1, 0

 212, 232, 212

 212, 232, 212

 189, 232, 189

 235, 232, 235

 166, 232, 166

 255, 232, 255

 142, 232, 142

 119, 232, 119

 96, 232, 96

 73, 232, 73

 50, 232, 50

 26, 232, 26

 3, 232, 3

Harmonies

Analogous

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



226, 229, 204



212, 232, 212



201, 234, 224

Triad

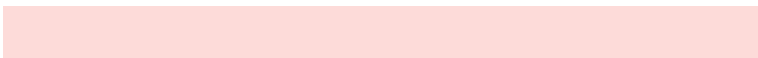
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 232, 212



211, 228, 250



253, 219, 217

Complementary

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



212, 232, 212



232, 212, 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.



250, 219, 229



212, 232, 212



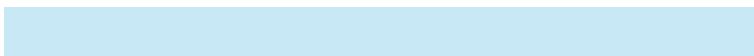
226, 224, 249

Square

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



212, 232, 212



200, 232, 246



240, 221, 241



249, 221, 207

Rectangle

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



212, 232, 212



197, 234, 232



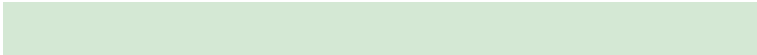
240, 221, 241



253, 218, 221

Sweetspot

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



212, 232, 212



247, 255, 247



232, 232, 212



122, 128, 122



0, 0, 0



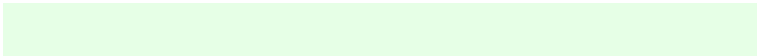
128, 128, 128

Same Dimension

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



212, 232, 212



230, 255, 230



212, 232, 222



103, 115, 103



0, 179, 0



0, 51, 0

Inverse Universe

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



232, 212, 232



255, 230, 255



232, 212, 222



115, 103, 115



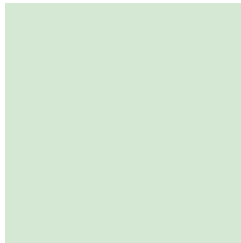
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RGB color 212, 232, 212 looks on a white background.

Color Contrast Check

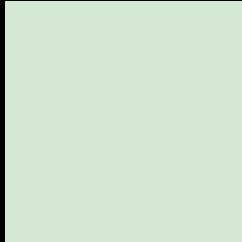
Large Text (above 18pt) WCAG AA × Fail

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 212, 232, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

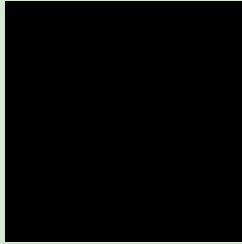
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

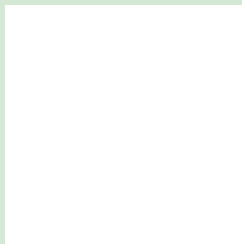
Any Text WCAG AAA ✓ Pass

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

RGB 212, 232, 212 Background



This preview shows how black text looks on a background with the RGB color 212, 232, 212.

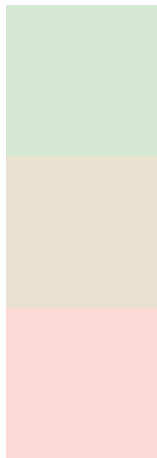


This preview shows how white text looks on a background with the RGB color 212, 232, 212.

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

212, 232, 212

Protanopia

234, 225, 208

Deuteranopia

252, 219, 215



Tritanopia

217, 227, 245

Trichromacy

	Original Color 212, 232, 212
	Protanomaly 226, 228, 209
	Deuteranomaly 237, 224, 214
	Tritanomaly 215, 229, 233

Monochromacy

	Original Color 212, 232, 212
	Achromatopsia 224, 224, 224
	Achromatomaly 220, 227, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 232, 212 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(212, 232, 212) looks like.

```
.text, #text, p{  
    color:rgb(212, 232, 212)  
}
```

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(212, 232, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 232, 212) }
```

Border

The CSS property to change the border of an element to RGB 212, 232, 212 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(212, 232, 212) }
```

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

```
.border{ border-color:rgb(212, 232, 212) }
```

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

Here you see how a box with a 4 pixel rgb(212, 232, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 232, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 232, 212);  
box-shadow:4px 4px 4px 4px rgb(212, 232,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 212, 232, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 232, 212) }
```

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

```
.background{ background-color: rgb(212,  
232, 212) }
```

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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