Converting Colors

RGB(248, 249, 220)

Have a look what the booklet for RGB(248, 249, 220) contains.

Color

RGB(248, 249, 220)

Conversions

Format	Color
Hex	F8F9DC
RGB	248, 249, 220
RGB Percent	97%, 98%, 86%
CMY	0.0275, 0.0235, 0.1373
CMYK	0.00, 0.00, 0.12, 0.02
HSL	62°, 71%, 92%
HSV	62°, 12%, 98%
XYZ	85.5053, 92.8751, 81.1302
YIQ	245.3950, 8.7130, -9.2310

Conversions Part 1

Conversions

Conversions Part 2

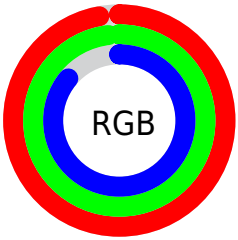
Format	Color
RYB	220, 249, 221
Decimal	16316892
CIELab	97.18, -5.16, 13.82
CIELCh	97, 14.747, 110.466
Yxy	92.8751, 0.3295, 0.3579
Android (android.graphics.Color)	4294506972 (0xFFF8F9DC)
YUV	245.3950, -12.5197, 2.2846
Hunter-Lab	96.3717, -10.2773, 17.5471

Details

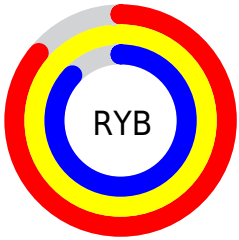
The RGB color 248, 249, 220 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 221, 220, 249, and the grayscale version is 246, 246, 246.

A 20% lighter version of the original color is 255, 255, 255, and 192, 193, 165 is the 20% darker color. If you saturate the color by 10%, you get 247, 249, 195, and if you desaturate by 10%, it is 249, 249, 245.

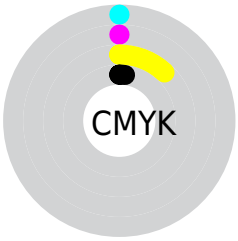
Distribution



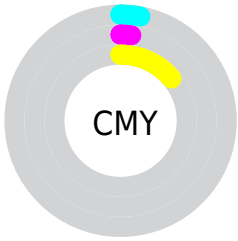
- Red (97%)
- Green (98%)
- Blue (86%)



- Red (86%)
- Yellow (98%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 248, 249, 220 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 248, 249, 220 by changing the saturation by 10% instead.

248, 249, 220

255, 255, 255

248, 249, 220

219, 220, 192

192, 193, 165

164, 165, 139

138, 139, 113

112, 114, 89

88, 89, 65

64, 66, 43

42, 44, 22

22, 23, 0

248, 249, 220	248, 249, 220
247, 249, 195	249, 249, 245
246, 249, 170	250, 249, 255
245, 249, 145	251, 249, 255
245, 249, 120	251, 249, 255
244, 249, 96	252, 249, 255
243, 249, 71	253, 249, 255
242, 249, 46	254, 249, 255
241, 249, 21	255, 249, 255
240, 249, 0	255, 249, 255

Harmonies

Analogous

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

255, 244, 219

248, 249, 220

231, 253, 228

Triad

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

248, 249, 220

214, 253, 255

255, 238, 252

Complementary

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

248, 249, 220

221, 220, 249

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, 240, 255

248, 249, 220

227, 250, 255

Square

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

248, 249, 220

211, 255, 255

244, 245, 255

255, 237, 237

Rectangle

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

248, 249, 220

222, 255, 237

244, 245, 255

255, 238, 255

Sweetspot

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

248, 249, 220

255, 255, 247

249, 221, 220

127, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

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

248, 249, 220

254, 255, 219

234, 249, 220

125, 125, 112

182, 189, 0

59, 61, 0

Inverse Universe

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

221, 220, 249

221, 219, 255

235, 220, 249

113, 112, 125

7, 0, 189

2, 0, 61

Previews

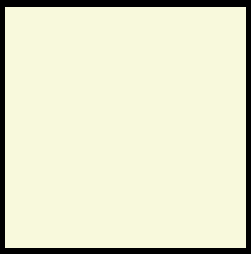
White Background

This preview shows how the RGB color 248, 249, 220 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



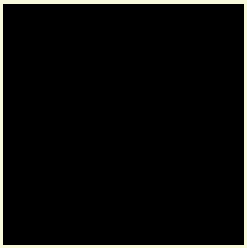
This preview shows how the RGB color 248, 249, 220 looks on a black background.

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 248, 249, 220 Background



This preview shows how black text looks on a background with the RGB color 248, 249, 220.

This preview shows how white text looks on a background with the RGB color 248, 249, 220.

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
248, 249, 220

Protanopia
255, 246, 226

Deuteranopia
255, 245, 241

Tritanopia
251, 245, 255

Trichromacy

Original Color
248, 249, 220

Protanomaly
252, 247, 224

Deuteranomaly
252, 246, 233

Tritanomaly
250, 246, 242

Monochromacy

Original Color
248, 249, 220

Achromatopsia
245, 245, 245

Achromatomaly
246, 246, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 248, 249, 220 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(248, 249, 220) looks like.

```
.text, #text, p{
    color:rgb(248, 249, 220)
}
```

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(248, 249, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 220) }
```

Border

The CSS property to change the border of an element to RGB 248, 249, 220 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(248, 249, 220) }
```

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

```
.border{ border-color:rgb(248, 249, 220) }
```

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

Here you see how a box with a 4 pixel rgb(248, 249, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 249, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 249, 220); box-shadow:4px 4px 4px 4px rgb(248, 249, 220) }
```

Background

The CSS property to change the background color of an element to RGB 248, 249, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(248, 249, 220) }
```

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

```
.background{ background-color:rgb(248,
249, 220) }
```

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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