

Converting Colors

RGB(249, 248, 218)

Have a look what the booklet for
RGB(249, 248, 218) contains.

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Color

RGB(249, 248, 218)

Conversions

Conversions Part 1

Format	Color
Hex	F9F8DA
RGB	249, 248, 218
RGB Percent	98%, 97%, 85%
CMY	0.0235, 0.0275, 0.1451
CMYK	0.00, 0.00, 0.12, 0.02
HSL	58°, 72%, 92%
HSV	58°, 12%, 98%
XYZ	85.2892, 92.3365, 79.6572
YIQ	244.8790, 10.2260, -9.1180

Conversions

Conversions Part 2

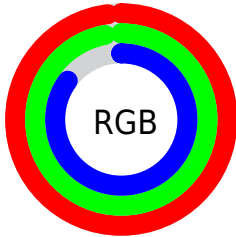
Format	Color
R_{YB}	219, 249, 218
Decimal	16382170
CIE _{Lab}	96.96, -4.62, 14.54
CIE _{LCh}	97, 15.258, 107.619
Yxy	92.3365, 0.3315, 0.3589
Android (android.graphics.Color)	4294572250 (0xFFFF9F8DA)
YUV	244.8790, -13.2513, 3.6141
Hunter-Lab	96.0919, -9.7278, 18.1148

Details

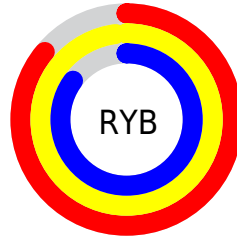
The RGB color **249, 248, 218** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **218, 219, 249**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 192, 163** is the 20% darker color. If you saturate the color by 10%, you get **249, 247, 193**, and if you desaturate by 10%, it is **249, 249, 243**.

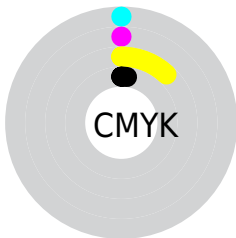
Distribution



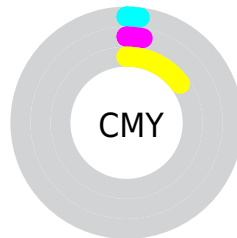
- Red (98%)
- Green (97%)
- Blue (85%)



- Red (86%)
- Yellow (98%)
- Blue (85%)



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



- Cyan (2%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 248, 218 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 249, 248, 218 by changing the saturation by 10% instead.

 249, 248, 218

255, 255, 255

 249, 248, 218

 220, 219, 190

 192, 192, 163

 165, 165, 137

 139, 138, 111

 113, 113, 87

 88, 88, 63

 65, 65, 41

 42, 43, 21

 22, 23, 0

 249, 248, 218

 249, 248, 218

 249, 247, 193

 249, 249, 243

 249, 246, 168


 249, 250, 255

 249, 246, 143

 249, 250, 255

 249, 245, 118

 249, 251, 255

 249, 244, 93

 249, 252, 255

 249, 243, 69

 249, 253, 255

 249, 242, 44

 249, 254, 255

 249, 242, 19

 249, 254, 255

 249, 241, 0

 249, 255, 255

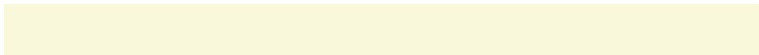
Harmonies

Analogous

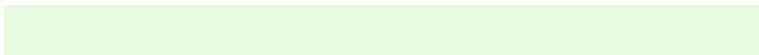
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 243, 218



249, 248, 218



232, 252, 226

Triad

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



249, 248, 218



211, 253, 255



255, 237, 253

Complementary

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



249, 248, 218



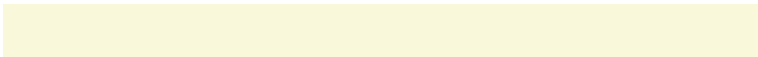
218, 219, 249

Split Complementary

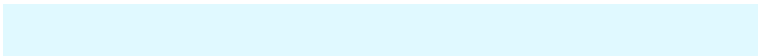
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 240, 255



249, 248, 218



224, 249, 255

Square

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



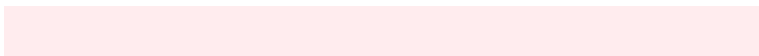
249, 248, 218



209, 255, 255



242, 245, 255



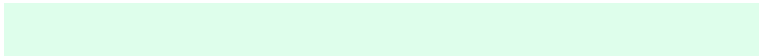
255, 236, 238

Rectangle

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



249, 248, 218



222, 254, 235



242, 245, 255



255, 238, 255

Sweetspot

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



249, 248, 218



255, 255, 245



249, 218, 219



128, 127, 121



0, 0, 0



128, 128, 128

Same Dimension

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



249, 248, 218



255, 254, 217



235, 249, 218



125, 125, 112



189, 183, 0



61, 59, 0

Inverse Universe

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



218, 219, 249



217, 218, 255



232, 218, 249



112, 113, 125



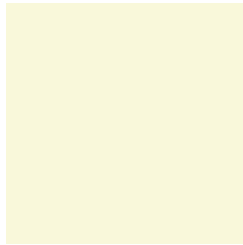
0, 6, 189



0, 2, 61

Previews

White Background



This preview shows how the RGB color 249, 248, 218 looks on a white background.

Color Contrast Check

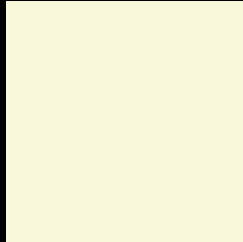
Large Text (above 18pt) WCAG AA × Fail

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 249, 248, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

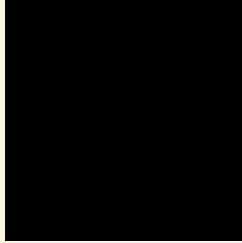
Any Text WCAG AA ✓ Pass

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 249, 248, 218 Background



This preview shows how black text looks on a background with the RGB color 249, 248, 218.

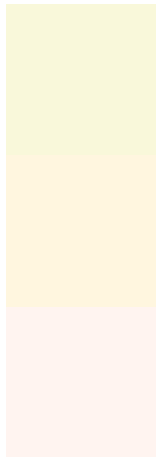


This preview shows how white text looks on a background with the RGB color 249, 248, 218.

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
249, 248, 218

Protanopia
255, 246, 223

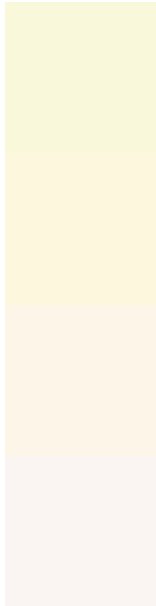
Deuteranopia
255, 244, 240



Tritanopia

251, 244, 255

Trichromacy



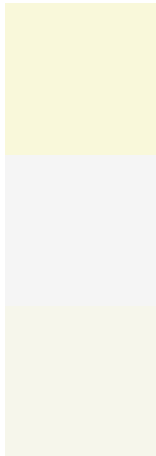
Original Color
249, 248, 218

Protanomaly
253, 247, 221

Deuteranomaly
253, 245, 232

Tritanomaly
250, 245, 242

Monochromacy



Original Color
249, 248, 218

Achromatopsia
245, 245, 245

Achromatomaly
246, 246, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 248, 218 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(249, 248, 218)` looks like.

```
.text, #text, p{  
    color:rgb(249, 248, 218)  
}
```

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(249, 248, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 248, 218) }
```

Border

The CSS property to change the border of an element to RGB 249, 248, 218 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(249, 248, 218) }
```

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

```
.border{ border-color:rgb(249, 248, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 248, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 248, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 248, 218);  
box-shadow:4px 4px 4px 4px rgb(249, 248,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 249, 248, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 248, 218) }
```

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

```
.background{ background-color: rgb(249,  
248, 218) }
```

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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