

# Converting Colors

RGB(253, 252, 228)

Have a look what the booklet for  
RGB(253, 252, 228) contains.

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# Color

**RGB(253, 252, 228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD <span style="color: #FDCE4;">F</span> CE4
RGB	253, 252, 228
RGB Percent	99%, 99%, 89%
CMY	0.0078, 0.0118, 0.1059
CMYK	0.00, 0.00, 0.10, 0.01
HSL	58°, 86%, 94%
HSV	58°, 10%, 99%
XYZ	89.3220, 96.1049, 87.2411
YIQ	249.5630, 8.3000, -7.2520

# Conversions

## Conversions Part 2

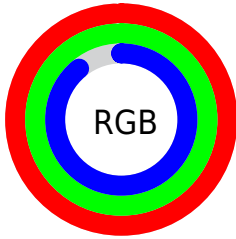
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 253, 228
Decimal	16645348
CIE Lab	98.47, -3.67, 11.61
CIE LCh	98, 12.176, 107.540
Yxy	96.1049, 0.3276, 0.3525
Android (android.graphics.Color)	4294835428 (0xFFFDCE4)
YUV	249.5630, -10.6306, 3.0142
Hunter-Lab	98.0331, -8.9192, 15.8601

# Details

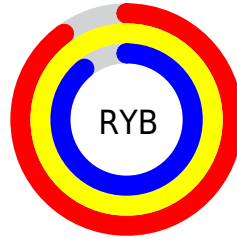
The RGB color 253, 252, 228 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 228, 229, 253, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 196, 195, 173 is the 20% darker color. If you saturate the color by 10%, you get 253, 251, 203, and if you desaturate by 10%, it is 253, 253, 253.

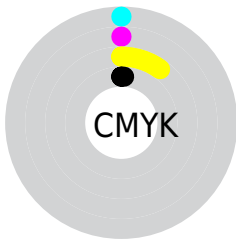
# Distribution



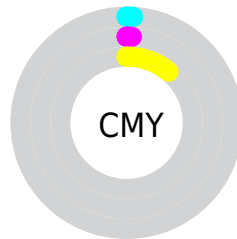
- Red (99%)
- Green (99%)
- Blue (89%)



- Red (90%)
- Yellow (99%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 253, 252, 228 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 253, 252, 228 by changing the saturation by 10% instead.




 253, 252, 228


255, 255, 255

 253, 252, 228

 224, 223, 200

 196, 195, 173

 169, 168, 146

 142, 142, 120

 117, 116, 95

 92, 92, 72

 68, 68, 49

 46, 46, 28

 26, 25, 2

253, 252, 228

253, 252, 228

253, 251, 203

253, 253, 253

253, 250, 177

253, 254, 255

253, 249, 152

253, 255, 255

253, 248, 127

253, 247, 102

253, 246, 76

253, 245, 51

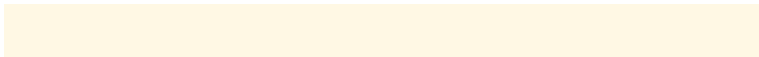
253, 244, 26

253, 243, 0

# Harmonies

## Analogous

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



255, 248, 228



253, 252, 228



239, 255, 234

# Triad

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



253, 252, 228



223, 255, 255



255, 243, 255

# Complementary

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



253, 252, 228



228, 229, 253

# Split Complementary

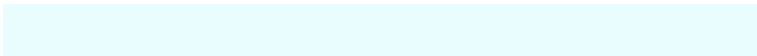
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 246, 255



253, 252, 228



233, 253, 255

# Square

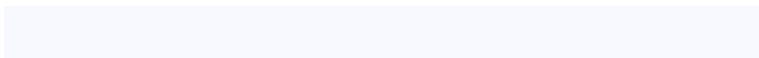
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



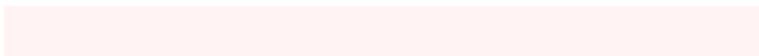
253, 252, 228



222, 255, 255



247, 249, 255



255, 243, 244

# Rectangle

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



253, 252, 228



231, 255, 241



247, 249, 255



255, 244, 255



# Sweetspot

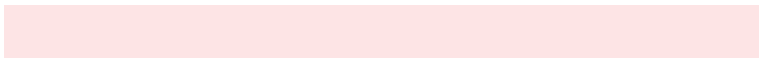
The Sweet Spot groups the original color and five complimentary colors.



253, 252, 228



255, 255, 247



253, 228, 229



128, 127, 122



0, 0, 0



128, 128, 128



# Same Dimension

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



253, 252, 228



255, 254, 224



242, 253, 228



128, 127, 115



191, 184, 0



64, 61, 0



# Inverse Universe

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



228, 229, 253



224, 226, 255



239, 228, 253



115, 115, 128



0, 8, 191

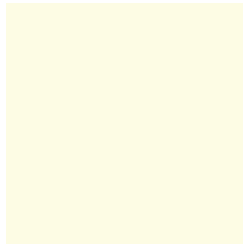


0, 3, 64



# Previews

## White Background



This preview shows how the RGB color 253, 252, 228 looks on a white background.

## Color Contrast Check

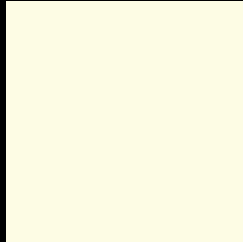
Large Text (above 18pt) WCAG AA × Fail

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 253, 252, 228 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

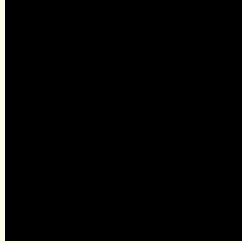
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 253, 252, 228 Background



This preview shows how black text looks on a background with the RGB color 253, 252, 228.

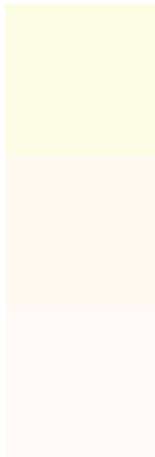


This preview shows how white text looks on a background with the RGB color 253, 252, 228.

# 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**  
253, 252, 228

**Protanopia**  
255, 250, 241

**Deuteranopia**  
255, 249, 248



# Tritanopia

253, 249, 255

# Trichromacy



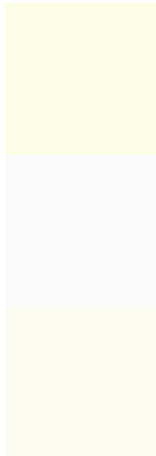
**Original Color**  
253, 252, 228

**Protanomaly**  
254, 251, 236

**Deuteranomaly**  
254, 250, 241

**Tritanomaly**  
253, 250, 245

# Monochromacy



**Original Color**  
253, 252, 228

**Achromatopsia**  
250, 250, 250

**Achromatomaly**  
251, 251, 242

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 253, 252, 228 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(253, 252, 228)` looks like.

```
.text, #text, p{  
    color:rgb(253, 252, 228)  
}
```

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(253, 252, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 252, 228) }
```

## Border

The CSS property to change the border of an element to RGB 253, 252, 228 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(253, 252, 228) }
```

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

```
.border{ border-color:rgb(253, 252, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 252, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 252, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 252, 228);  
box-shadow:4px 4px 4px 4px rgb(253, 252,  
228) }
```

# Background

The CSS property to change the background color of an element to RGB 253, 252, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 252, 228) }
```

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

```
.background{ background-color: rgb(253,  
252, 228) }
```

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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