

Converting Colors

RGB(253, 253, 228)

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

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Color

RGB(253, 253, 228)

Conversions

Conversions Part 1

Format	Color
Hex	FD FDE4
RGB	253, 253, 228
RGB Percent	99%, 99%, 89%
CMY	0.0078, 0.0078, 0.1059
CMYK	0.00, 0.00, 0.10, 0.01
HSL	60°, 86%, 94%
HSV	60°, 10%, 99%
XYZ	89.6369, 96.7346, 87.3461
YIQ	250.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

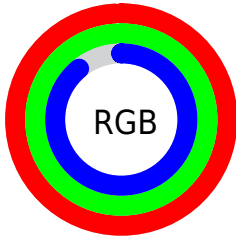
Format	Color
R _Y B	228, 253, 228
Decimal	16645604
CIE Lab	98.72, -4.17, 11.97
CIE LCh	99, 12.671, 109.214
Yxy	96.7346, 0.3275, 0.3534
Android (android.graphics.Color)	4294835684 (0xFFFD _F DE4)
YUV	250.1500, -10.9199, 2.4995
Hunter-Lab	98.3538, -9.4392, 16.1933

Details

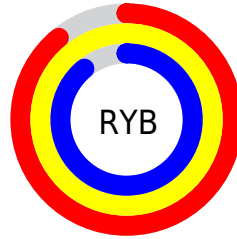
The RGB color 253, 253, 228 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 228, 228, 253, and the grayscale version is 250, 250, 250.

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

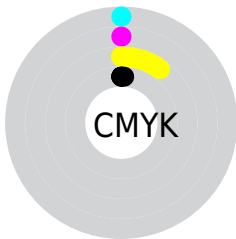
Distribution



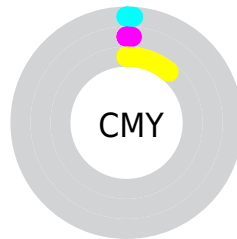
- Red (99%)
- Green (99%)
- Blue (89%)



- Red (89%)
- 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, 253, 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, 253, 228 by changing the saturation by 10% instead.

 253, 253, 228


255, 255, 255

 253, 253, 228


 224, 224, 200

 196, 196, 173

 169, 169, 146

 142, 143, 120

 117, 117, 95

 92, 93, 72

 68, 69, 49

 46, 47, 28

 26, 26, 2

 253, 253, 228

 253, 253, 228

 253, 253, 203

 253, 253, 253


 253, 253, 177


 253, 253, 255


 253, 253, 152

 253, 253, 127

 253, 253, 102

 253, 253, 76

 253, 253, 51

 253, 253, 26

 253, 253, 0

Harmonies

Analogous

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



255, 249, 227



253, 253, 228



239, 255, 235

Triad

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



253, 253, 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, 253, 228



228, 228, 253

Split Complementary

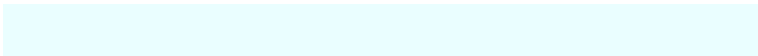
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 246, 255



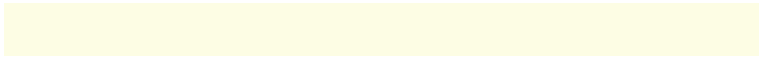
253, 253, 228



234, 254, 255

Square

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



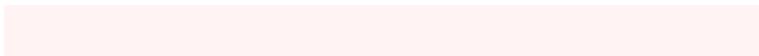
253, 253, 228



221, 255, 255



248, 250, 255



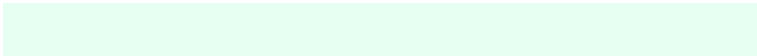
255, 243, 244

Rectangle

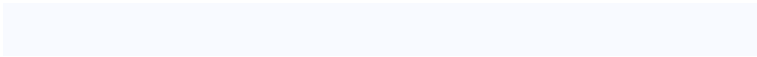
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



253, 253, 228



230, 255, 242



248, 250, 255



255, 244, 255

Sweetspot

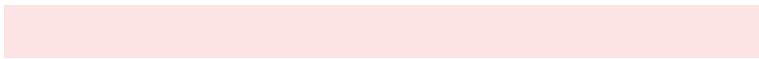
The Sweet Spot groups the original color and five complimentary colors.



253, 253, 228



255, 255, 247



253, 228, 228



128, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



253, 253, 228



255, 255, 224



241, 253, 228



128, 128, 115



191, 191, 0



64, 64, 0

Inverse Universe

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



228, 228, 253



224, 224, 255



241, 228, 253



115, 115, 128



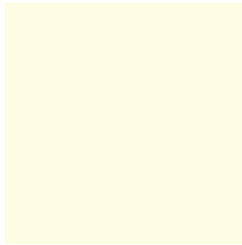
0, 0, 191



0, 0, 64

Previews

White Background



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

Color Contrast Check

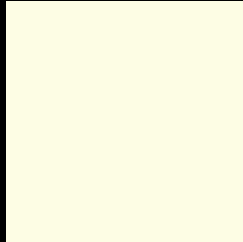
Large Text (above 18pt) WCAG AA × Fail

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, 253, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

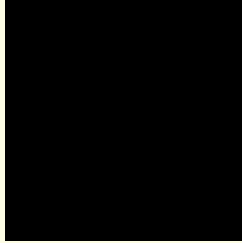
Any Text WCAG AA ✓ Pass

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, 253, 228 Background



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

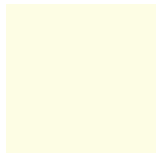


This preview shows how white text looks on a background with the RGB color 253, 253, 228.

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, 253, 228



Protanopia
255, 251, 243

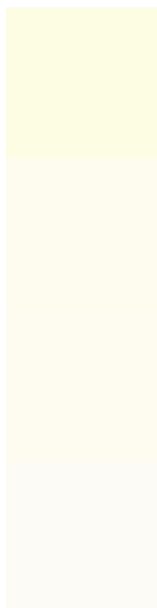
Deuteranopia
255, 250, 249



Tritanopia

253, 250, 255

Trichromacy



Original Color

253, 253, 228

Protanomaly

254, 252, 238

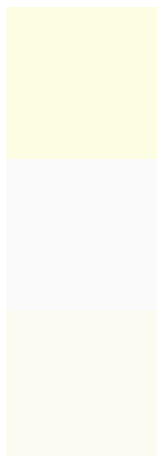
Deuteranomaly

254, 251, 241

Tritanomaly

253, 251, 245

Monochromacy



Original Color

253, 253, 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, 253, 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, 253, 228)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 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, 253, 228) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(253, 253, 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, 253, 228)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RGB 253, 253, 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, 253, 228) }
```

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

```
.background{ background-color: rgb(253,  
253, 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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