

Converting Colors

RGB(253, 255, 226)

Have a look what the booklet for
RGB(253, 255, 226) contains.

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Color

RGB(253, 255, 226)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFE2
RGB	253, 255, 226
RGB Percent	99%, 100%, 89%
CMY	0.0078, 0.0000, 0.1137
CMYK	0.01, 0.00, 0.11, 0.00
HSL	64°, 100%, 94%
HSV	64°, 11%, 100%
XYZ	89.9955, 97.8936, 86.1036
YIQ	251.0960, 8.1170, -9.4430

Conversions

Conversions Part 2

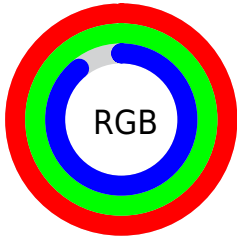
Format	Color
R _Y B	226, 255, 228
Decimal	16646114
CIE Lab	99.18, -5.48, 13.64
CIE LCh	99, 14.699, 111.907
Yxy	97.8936, 0.3285, 0.3573
Android (android.graphics.Color)	4294836194 (0xFFFFDFFE2)
YUV	251.0960, -12.3723, 1.6698
Hunter-Lab	98.9412, -10.7861, 17.6617

Details

The RGB color **253, 255, 226** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **228, 226, 255**, and the grayscale version is **251, 251, 251**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 198, 171** is the 20% darker color. If you saturate the color by 10%, you get **251, 255, 201**, and if you desaturate by 10%, it is **255, 255, 251**.

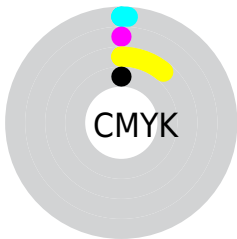
Distribution



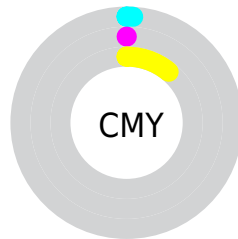
- Red (99%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 255, 226 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, 255, 226 by changing the saturation by 10% instead.

 253, 255, 226


255, 255, 255

 253, 255, 226

 224, 226, 198

 196, 198, 171

 169, 171, 144

 142, 145, 118

 117, 119, 94

 92, 94, 70

 68, 71, 48

 46, 48, 26

 26, 27, 0

253, 255, 226

253, 255, 226

251, 255, 201

255, 255, 251

249, 255, 175

255, 255, 255

248, 255, 149

246, 255, 124

244, 255, 98

242, 255, 73

241, 255, 48

239, 255, 22

237, 255, 0

Harmonies

Analogous

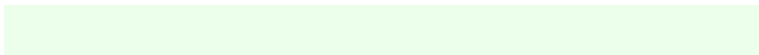
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 250, 225



253, 255, 226



236, 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, 255, 226



220, 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, 255, 226



228, 226, 255

Split Complementary

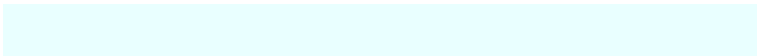
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 246, 255



253, 255, 226



233, 255, 255

Square

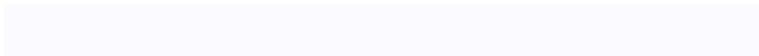
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



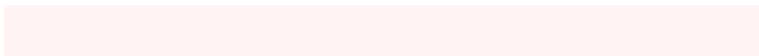
253, 255, 226



217, 255, 255



251, 250, 255



255, 243, 243

Rectangle

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



253, 255, 226



227, 255, 243



251, 250, 255



255, 244, 255

Sweetspot

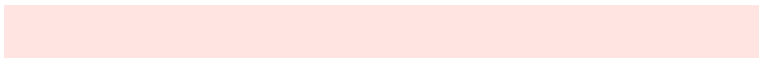
The Sweet Spot groups the original color and five complimentary colors.



253, 255, 226



254, 255, 247



255, 228, 226



127, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



253, 255, 226



253, 255, 219



239, 255, 226



127, 128, 115



178, 191, 0



59, 64, 0

Inverse Universe

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



228, 226, 255



222, 219, 255



242, 226, 255



116, 115, 128



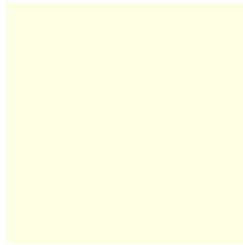
13, 0, 191



4, 0, 64

Previews

White Background



This preview shows how the RGB color 253, 255, 226 looks on a white background.

Color Contrast Check

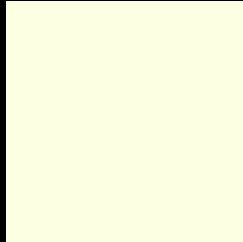
Large Text (above 18pt) WCAG AA × Fail

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, 255, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

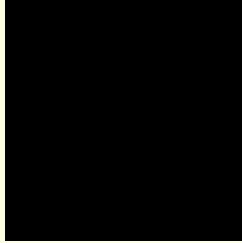
Any Text WCAG AA ✓ Pass

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, 255, 226 Background



This preview shows how black text looks on a background with the RGB color 253, 255, 226.

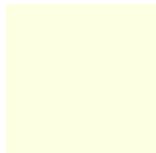


This preview shows how white text looks on a background with the RGB color 253, 255, 226.

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, 255, 226



Protanopia
255, 252, 247

Deuteranopia
255, 252, 251

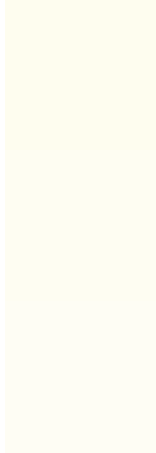
Tritanopia

254, 252, 255

Trichromacy



Original Color
253, 255, 226

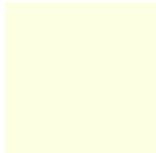


Protanomaly
254, 253, 239

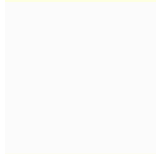
Deuteranomaly
254, 253, 242

Tritanomaly
254, 253, 244

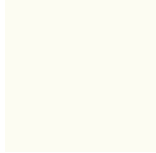
Monochromacy



Original Color
253, 255, 226



Achromatopsia
251, 251, 251



Achromatomaly
252, 252, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 255, 226 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, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 226)  
}
```

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, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 226) }
```

Border

The CSS property to change the border of an element to RGB 253, 255, 226 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, 255, 226) }
```

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

```
.border{ border-color:rgb(253, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 253, 255, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 226) }
```

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

```
.background{ background-color: rgb(253,  
255, 226) }
```

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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