

Converting Colors

RGB(253, 218, 206)

Have a look what the booklet for
RGB(253, 218, 206) contains.

RGB(253, 218, 206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(253, 218, 206)

Conversions

Conversions Part 1

Format	Color
Hex	FDDACE
RGB	253, 218, 206
RGB Percent	99%, 85%, 81%
CMY	0.0078, 0.1451, 0.1922
CMYK	0.00, 0.14, 0.19, 0.01
HSL	15°, 92%, 90%
HSV	15°, 19%, 99%
XYZ	76.7200, 75.4817, 68.9184
YIQ	227.0970, 24.7120, 3.6880

Conversions

Conversions Part 2

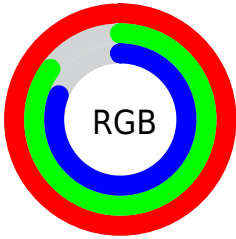
Format	Color
RYB	253, 222, 206
Decimal	16636622
CIELab	89.62, 10.29, 10.38
CIELCh	90, 14.618, 45.242
Yxy	75.4817, 0.3470, 0.3414
Android (android.graphics.Color)	4294826702 (0xFFFDACE)
YUV	227.0970, -10.4008, 22.7169
Hunter-Lab	86.8802, 5.5850, 13.7839

Details

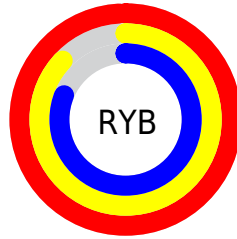
The RGB color **253, 218, 206** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 241, 253**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 163, 152** is the 20% darker color. If you saturate the color by 10%, you get **253, 199, 181**, and if you desaturate by 10%, it is **253, 237, 231**.

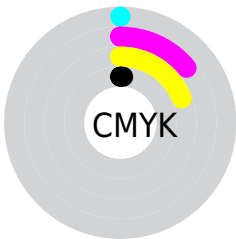
Distribution



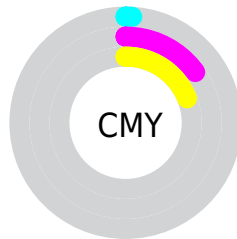
- Red (99%)
- Green (85%)
- Blue (81%)



- Red (99%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (1%)



- Cyan (1%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RGB color 253, 218, 206 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, 218, 206 by changing the saturation by 10% instead.

 253, 218, 206


255, 255, 255

 253, 218, 206

 224, 190, 179

 196, 163, 152


 168, 137, 126

 142, 111, 101

 116, 87, 77

 90, 64, 54

 66, 42, 33

 43, 21, 10

 20, 0, 0

253, 218, 206

253, 218, 206

253, 199, 181

253, 237, 231

253, 180, 155

253, 255, 255

253, 161, 130

253, 143, 105

253, 124, 79

253, 105, 54

253, 86, 29

253, 67, 4

253, 65, 0

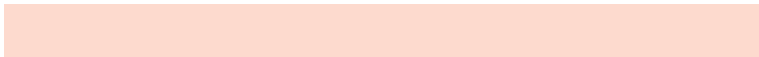
Harmonies

Analogous

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



255, 216, 218



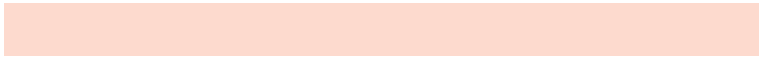
253, 218, 206



244, 222, 199

Triad

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



253, 218, 206



199, 233, 218



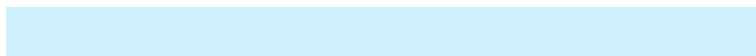
219, 224, 252

Complementary

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



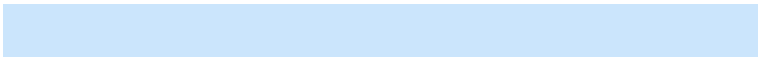
253, 218, 206



206, 241, 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.



203, 229, 252



253, 218, 206



191, 234, 232

Square

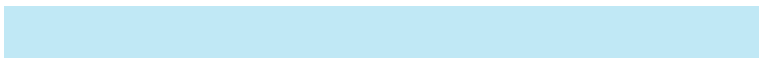
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 218, 206



213, 231, 205



192, 232, 245



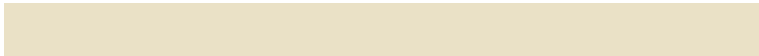
237, 220, 245

Rectangle

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



253, 218, 206



234, 225, 198



192, 232, 245



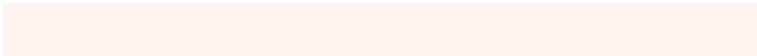
214, 226, 253

Sweetspot

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



253, 218, 206



255, 244, 240



253, 206, 241



128, 121, 119



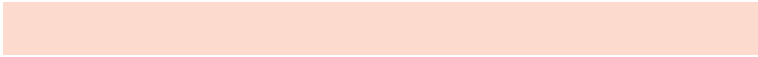
0, 0, 0



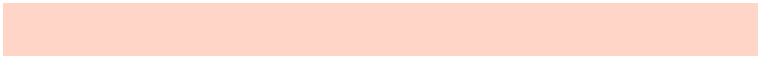
128, 128, 128

Same Dimension

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



253, 218, 206



255, 213, 199



253, 241, 206



128, 118, 115



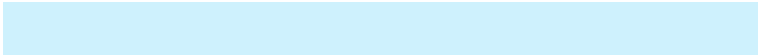
191, 49, 0



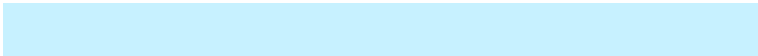
64, 16, 0

Inverse Universe

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



206, 241, 253



199, 241, 255



206, 218, 253



115, 124, 128



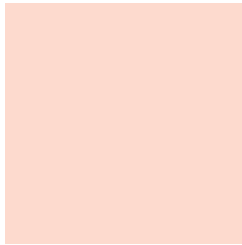
0, 142, 191



0, 47, 64

Previews

White Background



This preview shows how the RGB color 253, 218, 206 looks on a white background.

Color Contrast Check

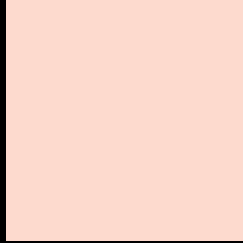
Large Text (above 18pt) WCAG AA × Fail

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, 218, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

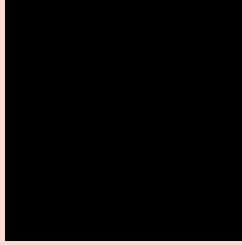
Any Text WCAG AA ✓ Pass

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, 218, 206 Background



This preview shows how black text looks on a background with the RGB color 253, 218, 206.

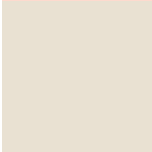



This preview shows how white text looks on a background with the RGB color 253, 218, 206.

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, 218, 206
	Protanopia 233, 225, 210
	Deuteranopia 254, 217, 206



Tritanopia
255, 215, 231

Trichromacy



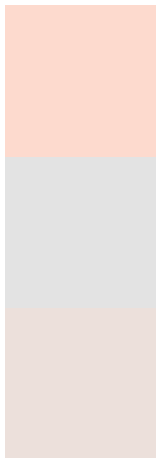
Original Color
253, 218, 206

Protanomaly
240, 222, 209

Deuteranomaly
254, 217, 206

Tritanomaly
254, 216, 222

Monochromacy



Original Color
253, 218, 206

Achromatopsia
227, 227, 227

Achromatomaly
236, 224, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 218, 206 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, 218, 206)` looks like.

```
.text, #text, p{  
    color:rgb(253, 218, 206)  
}
```

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, 218, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 218, 206) }
```

Border

The CSS property to change the border of an element to RGB 253, 218, 206 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, 218, 206) }
```

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

```
.border{ border-color:rgb(253, 218, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 218, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 218, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 218, 206); box-shadow:4px 4px 4px 4px rgb(253, 218, 206) }
```

Background

The CSS property to change the background color of an element to RGB 253, 218, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 218, 206) }
```

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

```
.background{ background-color: rgb(253,  
218, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor