

Converting Colors

RGB(253, 232, 204)

Have a look what the booklet for
RGB(253, 232, 204) contains.

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Color

RGB(253, 232, 204)

Conversions

Conversions Part 1

Format	Color
Hex	FDE8CC
RGB	253, 232, 204
RGB Percent	99%, 91%, 80%
CMY	0.0078, 0.0902, 0.2000
CMYK	0.00, 0.08, 0.19, 0.01
HSL	34°, 92%, 90%
HSV	34°, 19%, 99%
XYZ	80.2637, 82.9555, 68.9084
YIQ	235.0870, 21.5040, -4.2560

Conversions

Conversions Part 2

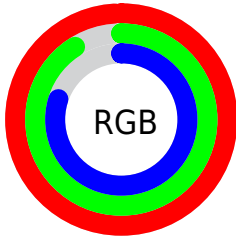
Format	Color
R_{YB}	241, 253, 204
Decimal	16640204
CIE _{Lab}	92.99, 2.80, 16.21
CIE _{LCh}	93, 16.450, 80.208
Yxy	82.9555, 0.3458, 0.3574
Android (android.graphics.Color)	4294830284 (0xFFFDE8CC)
YUV	235.0870, -15.3259, 15.7097
Hunter-Lab	91.0799, -2.0876, 18.8989

Details

The RGB color **253, 232, 204** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **204, 225, 253**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 176, 150** is the 20% darker color. If you saturate the color by 10%, you get **253, 221, 179**, and if you desaturate by 10%, it is **253, 243, 229**.

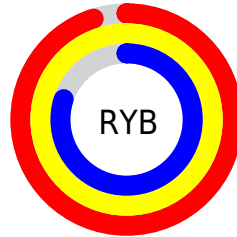
Distribution



Red (99%)

Green (91%)

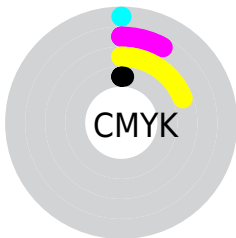
Blue (80%)



Red (95%)

Yellow (99%)

Blue (80%)

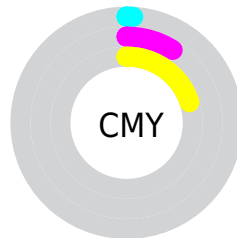


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (9%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 232, 204 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, 232, 204 by changing the saturation by 10% instead.


 253, 232, 204

255, 255, 255

 253, 232, 204


 224, 204, 177

 196, 176, 150

 169, 150, 124

 142, 124, 99

 116, 99, 75

 91, 75, 52

 67, 53, 31

 44, 32, 7

 21, 8, 0

■ 253, 232, 204

■ 253, 232, 204

■ 253, 221, 179

■ 253, 243, 229

■ 253, 210, 153

■ 253, 254, 255

■ 253, 199, 128

■ 253, 255, 255

■ 253, 189, 103

■ 253, 178, 78

■ 253, 167, 52

■ 253, 156, 27

■ 253, 145, 2

■ 253, 145, 0

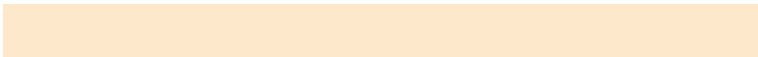
Harmonies

Analogous

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



255, 227, 211



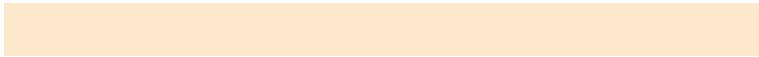
253, 232, 204



236, 237, 205

Triad

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



253, 232, 204



195, 244, 245



251, 228, 255

Complementary

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



253, 232, 204



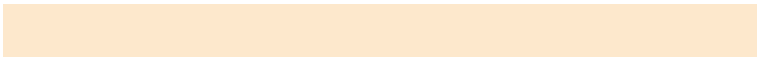
204, 225, 253

Split Complementary

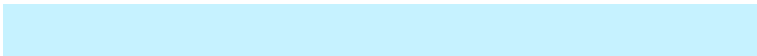
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232, 233, 255



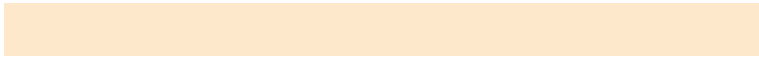
253, 232, 204



198, 242, 255

Square

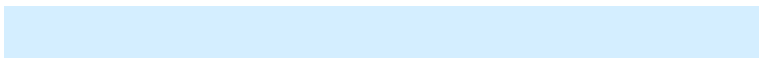
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 232, 204



203, 244, 229



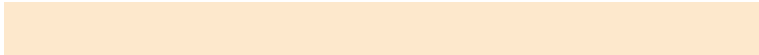
212, 238, 255



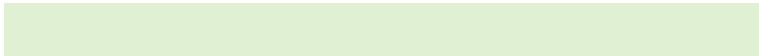
255, 225, 241

Rectangle

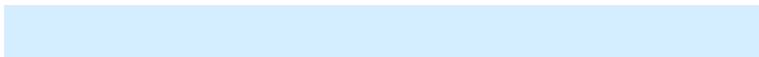
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



253, 232, 204



224, 240, 210



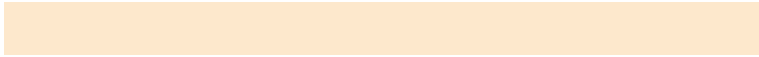
212, 238, 255



245, 229, 255

Sweetspot

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



253, 232, 204



255, 248, 240



253, 204, 225



128, 124, 119



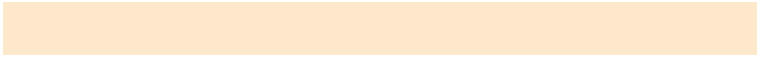
0, 0, 0



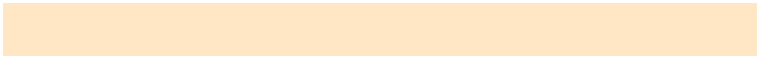
128, 128, 128

Same Dimension

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



253, 232, 204



255, 230, 196



250, 253, 204



128, 122, 115



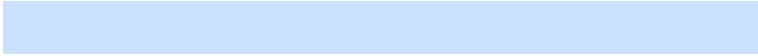
191, 109, 0



64, 36, 0

Inverse Universe

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



204, 225, 253



196, 221, 255



207, 204, 253



115, 120, 128



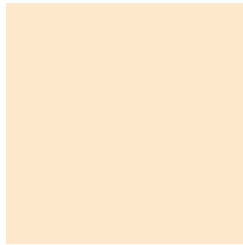
0, 82, 191



0, 27, 64

Previews

White Background



This preview shows how the RGB color 253, 232, 204 looks on a white background.

Color Contrast Check

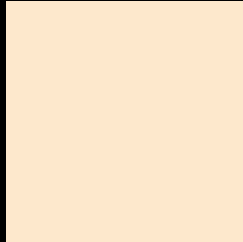
Large Text (above 18pt) WCAG AA × Fail

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, 232, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

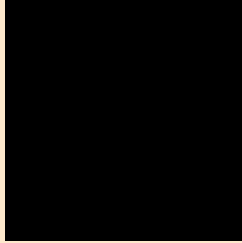
Any Text WCAG AA ✓ Pass

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, 232, 204 Background



This preview shows how black text looks on a background with the RGB color 253, 232, 204.





This preview shows how white text looks on a background with the RGB color 253, 232, 204.

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](#).

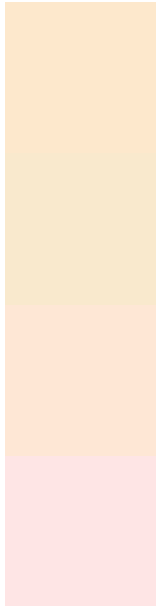
Dichromacy

	Original Color 253, 232, 204
	Protanopia 246, 234, 205
	Deuteranopia 255, 230, 218



Tritanopia
255, 228, 243

Trichromacy



Original Color

253, 232, 204

Protanomaly

249, 233, 205

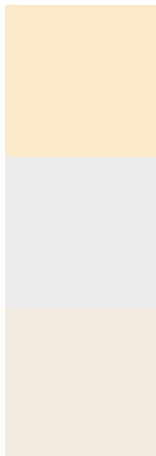
Deuteranomaly

254, 231, 213

Tritanomaly

254, 229, 229

Monochromacy



Original Color

253, 232, 204

Achromatopsia

235, 235, 235

Achromatomaly

242, 234, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 232, 204 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, 232, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 204)  
}
```

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, 232, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 204) }
```

Border

The CSS property to change the border of an element to RGB 253, 232, 204 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, 232, 204) }
```

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

```
.border{ border-color:rgb(253, 232, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 232, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 253, 232, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 204) }
```

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

```
.background{ background-color: rgb(253,  
232, 204) }
```

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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