

Converting Colors

RGB(253, 238, 222)

Have a look what the booklet for
RGB(253, 238, 222) contains.

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Color

RGB(253, 238, 222)

Conversions

Conversions Part 1

Format	Color
Hex	FDEEDE
RGB	253, 238, 222
RGB Percent	99%, 93%, 87%
CMY	0.0078, 0.0667, 0.1294
CMYK	0.00, 0.06, 0.12, 0.01
HSL	31°, 89%, 93%
HSV	31°, 12%, 99%
XYZ	84.2674, 87.3056, 81.5175
YIQ	240.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

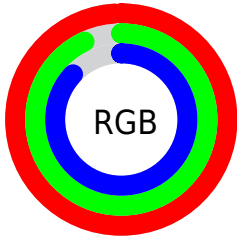
Format	Color
R _Y B	251, 253, 222
Decimal	16641758
CIE Lab	94.87, 2.46, 9.55
CIE LCh	95, 9.858, 75.573
Yxy	87.3056, 0.3330, 0.3450
Android (android.graphics.Color)	4294831838 (0xFFFDEEDE)
YUV	240.6610, -9.1999, 10.8213
Hunter-Lab	93.4375, -2.5339, 13.6799

Details

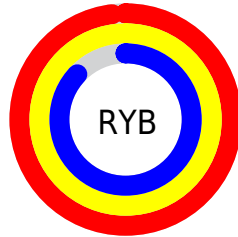
The RGB color **253, 238, 222** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **222, 237, 253**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 182, 167** is the 20% darker color. If you saturate the color by 10%, you get **253, 226, 197**, and if you desaturate by 10%, it is **253, 250, 247**.

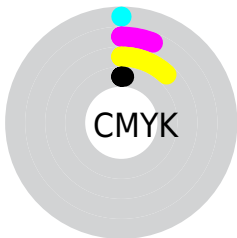
Distribution



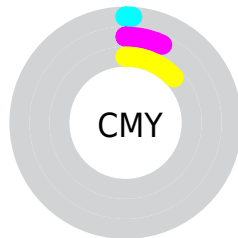
- Red (99%)
- Green (93%)
- Blue (87%)



- Red (98%)
- Yellow (99%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 238, 222 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, 238, 222 by changing the saturation by 10% instead.


 253, 238, 222


255, 255, 255

 253, 238, 222

 224, 210, 194


 196, 182, 167

 169, 155, 141

 142, 129, 115

 117, 104, 90

 92, 80, 67

 68, 57, 45

 45, 36, 24

 26, 14, 0

253, 238, 222

253, 238, 222

253, 226, 197

253, 250, 247

253, 214, 171

253, 255, 255

253, 201, 146

253, 189, 121

253, 177, 96

253, 165, 70

253, 152, 45

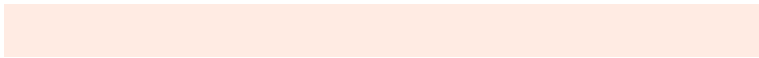
253, 140, 20

253, 131, 0

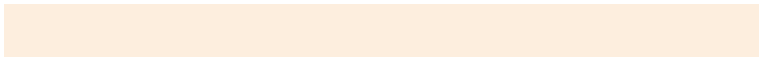
Harmonies

Analogous

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



255, 235, 227



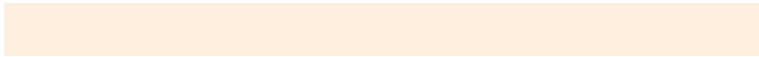
253, 238, 222



243, 241, 222

Triad

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



253, 238, 222



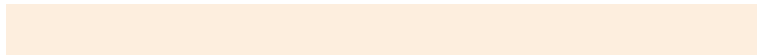
217, 246, 245



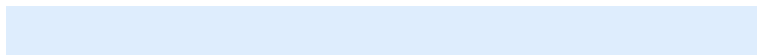
248, 236, 254

Complementary

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



253, 238, 222



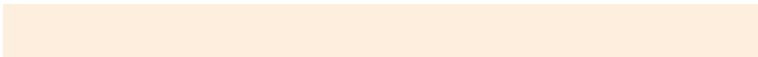
222, 237, 253

Split Complementary

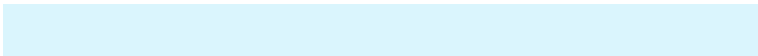
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 239, 255



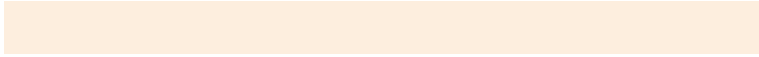
253, 238, 222



218, 245, 253

Square

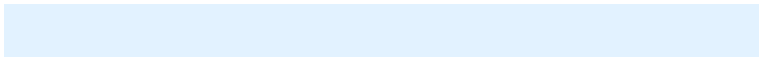
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 238, 222



222, 246, 235



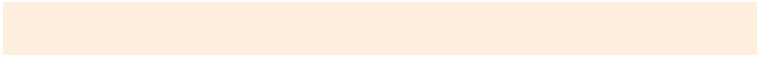
226, 242, 255



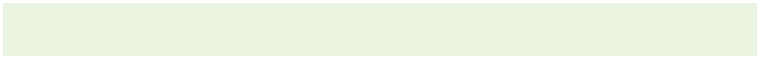
255, 234, 245

Rectangle

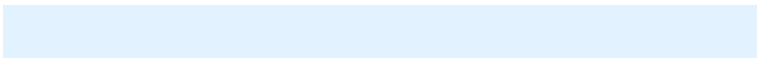
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



253, 238, 222



235, 243, 225



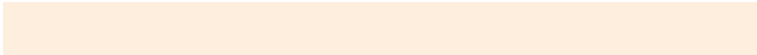
226, 242, 255



244, 237, 255

Sweetspot

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



253, 238, 222



255, 250, 245



253, 222, 238



128, 124, 121



0, 0, 0



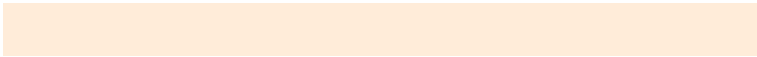
128, 128, 128

Same Dimension

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



253, 238, 222



255, 236, 217



253, 253, 222



128, 121, 115



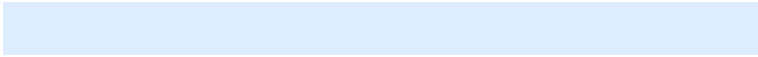
191, 99, 0



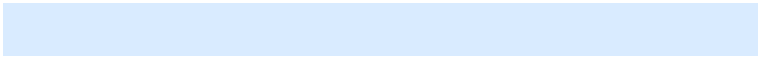
64, 33, 0

Inverse Universe

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



222, 237, 253



217, 235, 255



222, 222, 253



115, 121, 128



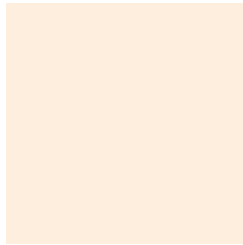
0, 93, 191



0, 31, 64

Previews

White Background



This preview shows how the RGB color 253, 238, 222 looks on a white background.

Color Contrast Check

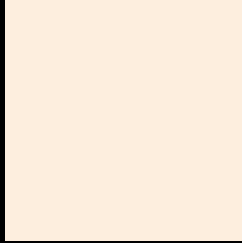
Large Text (above 18pt) WCAG AA × Fail

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, 238, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

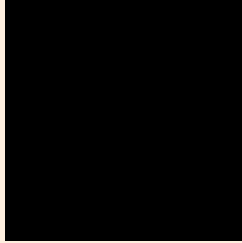
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

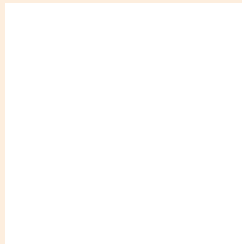
Any Text WCAG AAA ✓ Pass

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

RGB 253, 238, 222 Background



This preview shows how black text looks on a background with the RGB color 253, 238, 222.

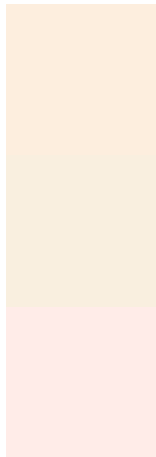


This preview shows how white text looks on a background with the RGB color 253, 238, 222.

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, 238, 222

Protanopia
249, 239, 223

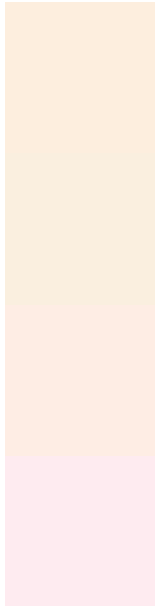
Deuteranopia
255, 236, 232



Tritanopia

255, 234, 250

Trichromacy



Original Color

253, 238, 222

Protanomaly

250, 239, 223

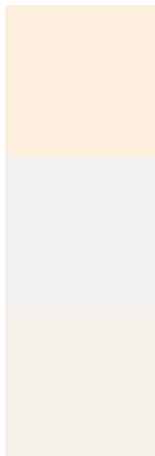
Deuteranomaly

254, 237, 228

Tritanomaly

254, 235, 240

Monochromacy



Original Color

253, 238, 222

Achromatopsia

241, 241, 241

Achromatomaly

245, 240, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 238, 222 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, 238, 222)` looks like.

```
.text, #text, p{  
    color:rgb(253, 238, 222)  
}
```

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, 238, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 238, 222) }
```

Border

The CSS property to change the border of an element to RGB 253, 238, 222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

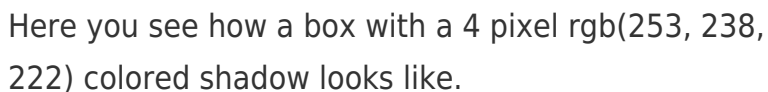
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 238, 222) }
```

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

```
.border{ border-color:rgb(253, 238, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 238, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 238, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 238, 222); box-shadow:4px 4px 4px 4px rgb(253, 238, 222) }
```

Background

The CSS property to change the background color of an element to RGB 253, 238, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 238, 222) }
```

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

```
.background{ background-color: rgb(253,  
238, 222) }
```

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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