

Converting Colors

RGB(242, 227, 206)

Have a look what the booklet for
RGB(242, 227, 206) contains.

RGB(242, 227, 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(242, 227, 206)

Conversions

Conversions Part 1

Format	Color
Hex	F2E3CE
RGB	242, 227, 206
RGB Percent	95%, 89%, 81%
CMY	0.0510, 0.1098, 0.1922
CMYK	0.00, 0.06, 0.15, 0.05
HSL	35°, 58%, 88%
HSV	35°, 15%, 95%
XYZ	75.2276, 78.2716, 69.5355
YIQ	229.0910, 15.6810, -3.3510

Conversions

Conversions Part 2

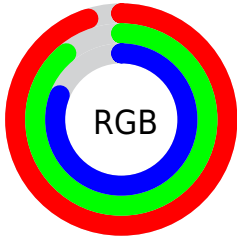
Format	Color
R_{YB}	232, 242, 206
Decimal	15918030
CIE _{Lab}	90.90, 1.71, 12.09
CIE _{LCh}	91, 12.206, 81.933
Yxy	78.2716, 0.3373, 0.3509
Android (android.graphics.Color)	4294108110 (0xFFFF2E3CE)
YUV	229.0910, -11.3839, 11.3212
Hunter-Lab	88.4713, -3.0452, 15.3299

Details

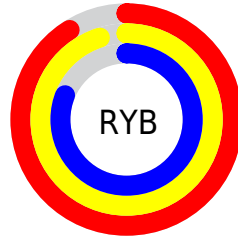
The RGB color **242, 227, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 221, 242**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 172, 152** is the 20% darker color. If you saturate the color by 10%, you get **242, 217, 182**, and if you desaturate by 10%, it is **242, 237, 230**.

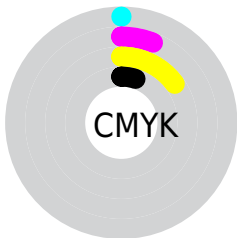
Distribution



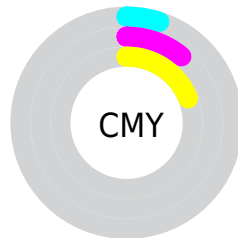
- Red (95%)
- Green (89%)
- Blue (81%)



- Red (91%)
- Yellow (95%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RGB color 242, 227, 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 242, 227, 206 by changing the saturation by 10% instead.

 242, 227, 206


255, 255, 255

 242, 227, 206

 214, 199, 178

 186, 172, 152

 159, 145, 126

 132, 120, 101

 107, 95, 77

 82, 71, 54

 59, 49, 33

 37, 28, 10

 10, 2, 0

 242, 227, 206


 242, 227, 206

 242, 217, 182


 242, 237, 230


 242, 207, 158


 242, 247, 254


 242, 197, 133


 242, 255, 255

 242, 187, 109

 242, 177, 85

 242, 166, 61

 242, 156, 37

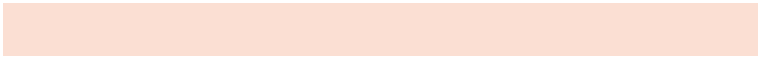
 242, 146, 12

 242, 141, 0

Harmonies

Analogous

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



251, 223, 211



242, 227, 206



229, 231, 207

Triad

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



242, 227, 206



200, 236, 237



241, 223, 243

Complementary

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



242, 227, 206



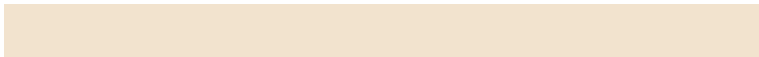
206, 221, 242

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.



227, 227, 250



242, 227, 206



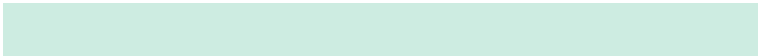
203, 234, 247

Square

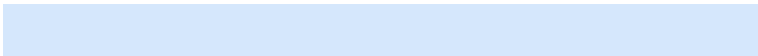
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 227, 206



205, 236, 225



213, 231, 252



251, 221, 233

Rectangle

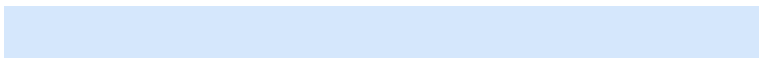
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 227, 206



220, 233, 211



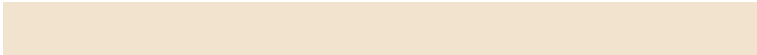
213, 231, 252



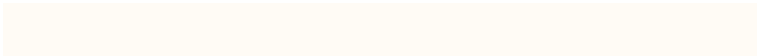
237, 225, 246

Sweetspot

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



242, 227, 206



255, 251, 245



242, 206, 221



128, 125, 121



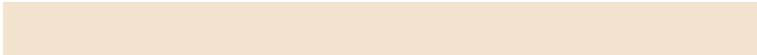
0, 0, 0



128, 128, 128

Same Dimension

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



242, 227, 206



255, 236, 209



240, 242, 206



120, 115, 108



184, 107, 0



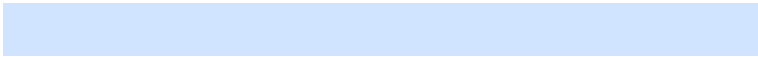
56, 33, 0

Inverse Universe

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



206, 221, 242



209, 228, 255



209, 206, 242



108, 113, 120



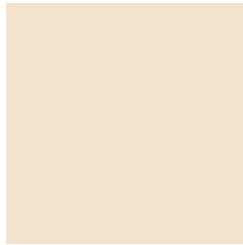
0, 77, 184



0, 23, 56

Previews

White Background



This preview shows how the RGB color 242, 227, 206 looks on a white background.

Color Contrast Check

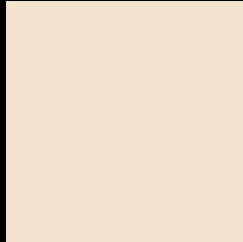
Large Text (above 18pt) WCAG AA × Fail

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 242, 227, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

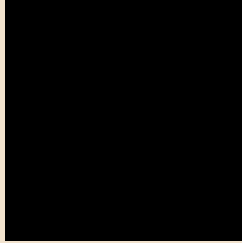
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

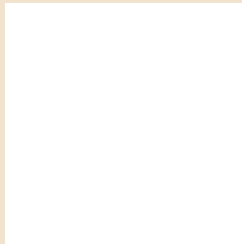
Any Text WCAG AAA ✓ Pass

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

RGB 242, 227, 206 Background



This preview shows how black text looks on a background with the RGB color 242, 227, 206.

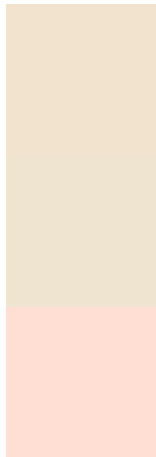


This preview shows how white text looks on a background with the RGB color 242, 227, 206.

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
242, 227, 206

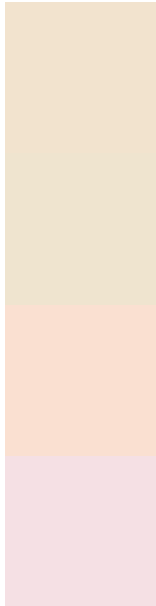
Protanopia
238, 228, 207

Deuteranopia
255, 222, 211



Tritanopia
246, 222, 240

Trichromacy



Original Color

242, 227, 206

Protanomaly

239, 228, 207

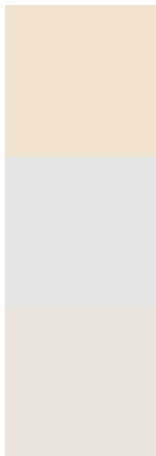
Deuteranomaly

250, 224, 209

Tritanomaly

245, 224, 228

Monochromacy



Original Color

242, 227, 206

Achromatopsia

229, 229, 229

Achromatomaly

234, 228, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 227, 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(242, 227, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 227, 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(242, 227, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 227, 206) }
```

Border

The CSS property to change the border of an element to RGB 242, 227, 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(242, 227, 206) }
```

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

```
.border{ border-color:rgb(242, 227, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 227, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 227, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 227, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 227,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 242, 227, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 227, 206) }
```

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

```
.background{ background-color: rgb(242,  
227, 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](#).

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