

Converting Colors

RGB(242, 227, 176)

Have a look what the booklet for
RGB(242, 227, 176) contains.

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Color

RGB(242, 227, 176)

Conversions

Conversions Part 1

Format	Color
Hex	F2E3B0
RGB	242, 227, 176
RGB Percent	95%, 89%, 69%
CMY	0.0510, 0.1098, 0.3098
CMYK	0.00, 0.06, 0.27, 0.05
HSL	46°, 72%, 82%
HSV	46°, 27%, 95%
XYZ	71.9235, 76.9500, 52.1364
YIQ	225.6710, 25.3110, -12.6810

Conversions

Conversions Part 2

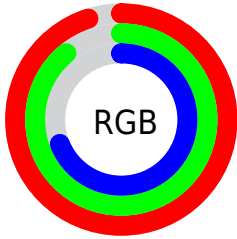
Format	Color
RYB	195, 242, 176
Decimal	15918000
CIELab	90.30, -2.55, 26.81
CIELCh	90, 26.927, 95.438
Yxy	76.9500, 0.3578, 0.3828
Android (android.graphics.Color)	4294108080 (0xFFFF2E3B0)
YUV	225.6710, -24.4878, 14.3205
Hunter-Lab	87.7212, -7.1580, 26.1663

Details

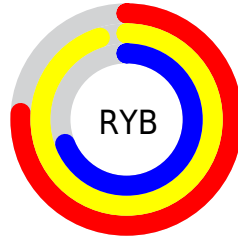
The RGB color **242, 227, 176** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **176, 191, 242**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 232**, and **185, 172, 123** is the 20% darker color. If you saturate the color by 10%, you get **242, 221, 152**, and if you desaturate by 10%, it is **242, 232, 200**.

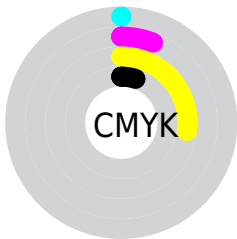
Distribution



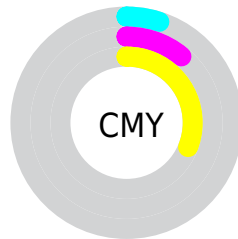
- Red (95%)
- Green (89%)
- Blue (69%)



- Red (76%)
- Yellow (95%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 227, 176 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, 176 by changing the saturation by 10% instead.


 242, 227, 176


255, 255, 255


 255, 255, 232

 242, 227, 176


 213, 199, 149

 185, 172, 123

 158, 145, 98

 131, 120, 74

 105, 95, 50

 80, 71, 28

 56, 49, 4

 34, 28, 0

 0, 2, 0

■ 242, 227, 176

■ 242, 227, 176

■ 242, 221, 152

■ 242, 232, 200

■ 242, 216, 128

■ 242, 238, 224

■ 242, 210, 103

■ 242, 243, 249

■ 242, 205, 79

■ 242, 249, 255

■ 242, 199, 55

■ 242, 254, 255

■ 242, 194, 31

■ 242, 255, 255

■ 242, 188, 7

■ 242, 187, 0

Harmonies

Analogous

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



255, 218, 181



242, 227, 176



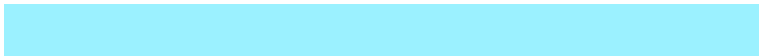
213, 235, 185

Triad

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



242, 227, 176



155, 241, 255



255, 212, 249

Complementary

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



242, 227, 176



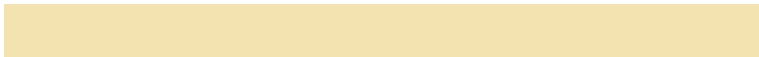
176, 191, 242

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.



238, 219, 255



242, 227, 176



171, 236, 255

Square

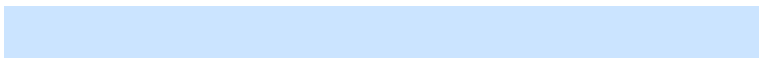
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 227, 176



162, 242, 231



203, 228, 255



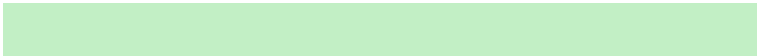
255, 209, 223

Rectangle

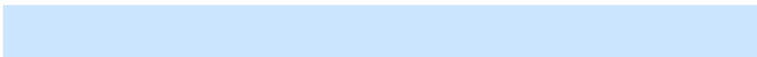
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 227, 176



194, 239, 197



203, 228, 255



255, 214, 255

Sweetspot

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



242, 227, 176



255, 250, 235



242, 176, 191



128, 125, 115



0, 0, 0



128, 128, 128

Same Dimension

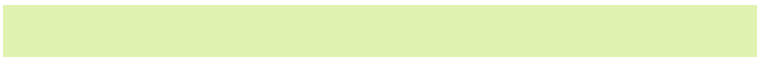
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 227, 176



255, 236, 171



224, 242, 176



120, 117, 108



184, 142, 0



56, 43, 0

Inverse Universe

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



176, 191, 242



171, 190, 255



194, 176, 242



108, 111, 120



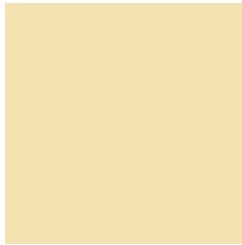
0, 42, 184



0, 13, 56

Previews

White Background



This preview shows how the RGB color 242, 227, 176 looks on a white background.

Color Contrast Check

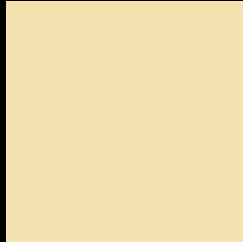
Large Text (above 18pt) WCAG AA × Fail

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, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

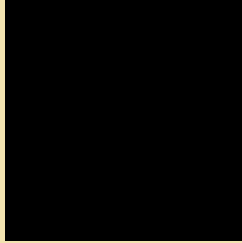
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

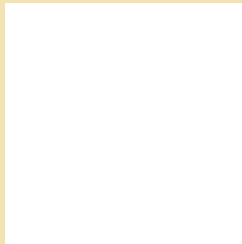
Any Text WCAG AAA ✓ Pass

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

RGB 242, 227, 176 Background



This preview shows how black text looks on a background with the RGB color 242, 227, 176.

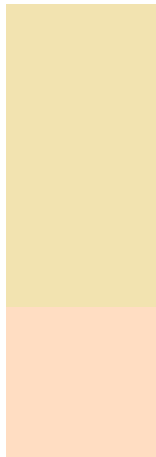


This preview shows how white text looks on a background with the RGB color 242, 227, 176.

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, 176

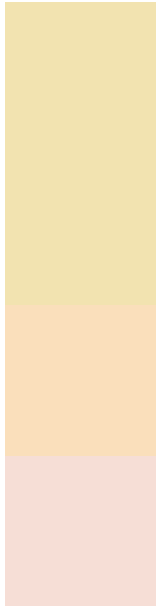
Protanopia
242, 227, 176

Deuteranopia
255, 221, 194



Tritanopia
249, 219, 236

Trichromacy



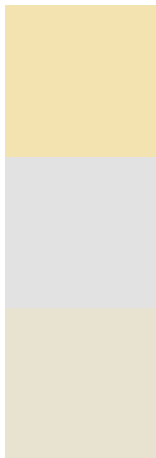
Original Color
242, 227, 176

Protanomaly
242, 227, 176

Deuteranomaly
250, 223, 187

Tritanomaly
246, 222, 214

Monochromacy



Original Color
242, 227, 176

Achromatopsia
226, 226, 226

Achromatomaly
232, 226, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 227, 176 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(242, 227, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 227, 176) }
```

Border

The CSS property to change the border of an element to RGB 242, 227, 176 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, 176) }
```

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

```
.border{ border-color:rgb(242, 227, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 227, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 227, 176);  
box-shadow:4px 4px 4px 4px rgb(242, 227,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 242, 227, 176 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, 176) }
```

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

```
.background{ background-color: rgb(242,  
227, 176) }
```

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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