

Converting Colors

RGB(231, 221, 145)

Have a look what the booklet for
RGB(231, 221, 145) contains.

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Color

RGB(231, 221, 145)

Conversions

Conversions Part 1

Format	Color
Hex	E7DD91
RGB	231, 221, 145
RGB Percent	91%, 87%, 57%
CMY	0.0941, 0.1333, 0.4314
CMYK	0.00, 0.04, 0.37, 0.09
HSL	53°, 64%, 74%
HSV	53°, 37%, 91%
XYZ	63.9223, 70.7462, 37.0744
YIQ	215.3260, 30.3560, -21.5160

Conversions

Conversions Part 2

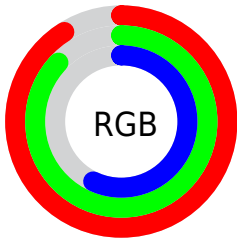
Format	Color
R _{YB}	156, 231, 145
Decimal	15195537
CIE Lab	87.36, -7.46, 38.55
CIE LCh	87, 39.265, 100.946
Yxy	70.7462, 0.3722, 0.4119
Android (android.graphics.Color)	4293385617 (0xFFE7DD91)
YUV	215.3260, -34.6707, 13.7461
Hunter-Lab	84.1107, -11.5378, 32.7436

Details

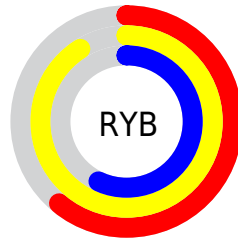
The RGB color **231, 221, 145** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **145, 155, 231**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 200**, and **174, 166, 93** is the 20% darker color. If you saturate the color by 10%, you get **231, 218, 122**, and if you desaturate by 10%, it is **231, 224, 168**.

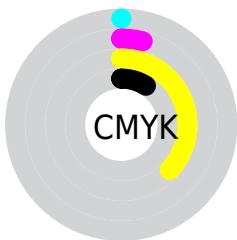
Distribution



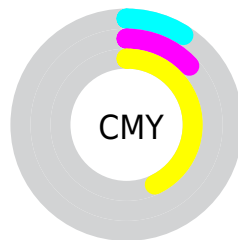
- Red (91%)
- Green (87%)
- Blue (57%)



- Red (61%)
- Yellow (91%)
- Blue (57%)



- Cyan (0%)
- Magenta (4%)
- Yellow (37%)
- Black (9%)




- Cyan (9%)
- Magenta (13%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 221, 145 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 231, 221, 145 by changing the saturation by 10% instead.

 231, 221, 145

 231, 221, 145

255, 255, 255

 202, 193, 119

 255, 255, 200

 174, 166, 93

 255, 255, 228

 147, 140, 69

 120, 114, 44

 94, 90, 20

 69, 67, 0

 45, 45, 0

 19, 25, 0


 0, 0, 0

 231, 221, 145


 231, 221, 145

 231, 218, 122


 231, 224, 168

 231, 216, 99


 231, 226, 191

 231, 213, 76


 231, 229, 214

 231, 210, 53

 231, 232, 237

 231, 208, 29

 231, 234, 255

 231, 205, 6

 231, 237, 255

 231, 204, 0

 231, 240, 255

 231, 242, 255

 231, 245, 255

Harmonies

Analogous

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



255, 208, 149



231, 221, 145



190, 231, 161

Triad

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



231, 221, 145



93, 237, 255



255, 194, 244

Complementary

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



231, 221, 145



145, 155, 231

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.



241, 204, 255



231, 221, 145



132, 229, 255

Square

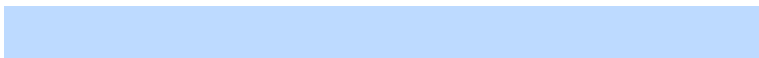
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231, 221, 145



104, 239, 232



189, 218, 255



255, 191, 206

Rectangle

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



231, 221, 145



160, 236, 182



189, 218, 255



255, 197, 255

Sweetspot

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



231, 221, 145



255, 252, 227



231, 145, 155



128, 126, 111



0, 0, 0



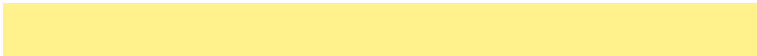
128, 128, 128

Same Dimension

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



231, 221, 145



255, 242, 140



198, 231, 145



115, 113, 103



179, 158, 0



51, 45, 0

Inverse Universe

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



145, 155, 231



140, 154, 255



178, 145, 231



103, 105, 115



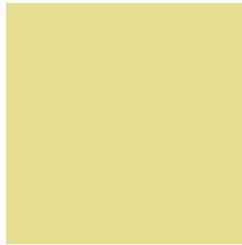
0, 21, 179



0, 6, 51

Previews

White Background



This preview shows how the RGB color 231, 221, 145 looks on a white background.

Color Contrast Check

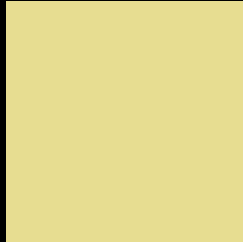
Large Text (above 18pt) WCAG AA × Fail

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 231, 221, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

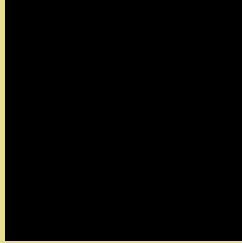
Any Text WCAG AA ✓ Pass

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 231, 221, 145 Background



This preview shows how black text looks on a background with the RGB color 231, 221, 145.



This preview shows how white text looks on a background with the RGB color 231, 221, 145.

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
231, 221, 145

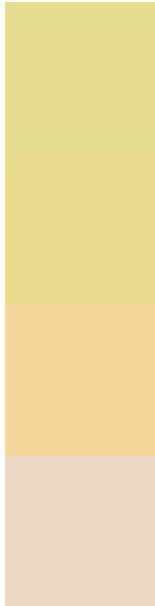
Protanopia
238, 219, 144

Deuteranopia
255, 211, 163



Tritanopia
240, 211, 227

Trichromacy



Original Color
231, 221, 145

Protanomaly
235, 220, 144

Deuteranomaly
246, 215, 156

Tritanomaly
237, 215, 197

Monochromacy



Original Color
231, 221, 145

Achromatopsia
215, 215, 215

Achromatomaly
221, 217, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 221, 145 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(231, 221, 145)` looks like.

```
.text, #text, p{  
    color:rgb(231, 221, 145)  
}
```

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(231, 221, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 221, 145) }
```

Border

The CSS property to change the border of an element to RGB 231, 221, 145 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(231, 221, 145) }
```

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

```
.border{ border-color:rgb(231, 221, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 221, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 221, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 221, 145);  
box-shadow:4px 4px 4px 4px rgb(231, 221,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 231, 221, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 221, 145) }
```

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

```
.background{ background-color: rgb(231,  
221, 145) }
```

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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