

Converting Colors

RGB(231, 223, 141)

Have a look what the booklet for
RGB(231, 223, 141) contains.

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Color

RGB(231, 223, 141)

Conversions

Conversions Part 1

Format	Color
Hex	E7DF8D
RGB	231, 223, 141
RGB Percent	91%, 87%, 55%
CMY	0.0941, 0.1255, 0.4471
CMYK	0.00, 0.03, 0.39, 0.09
HSL	55°, 65%, 73%
HSV	55°, 39%, 91%
XYZ	64.1504, 71.6874, 35.6553
YIQ	216.0440, 31.0900, -23.8060

Conversions

Conversions Part 2

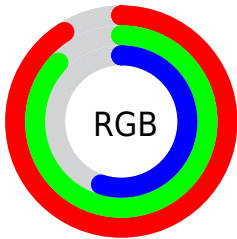
Format	Color
R _{YB}	150, 231, 141
Decimal	15196045
CIE _{Lab}	87.82, -8.90, 41.14
CIE _{LCh}	88, 42.095, 102.210
Yxy	71.6874, 0.3741, 0.4180
Android (android.graphics.Color)	4293386125 (0xFFE7DF8D)
YUV	216.0440, -36.9967, 13.1164
Hunter-Lab	84.6684, -12.9262, 34.2999

Details

The RGB color **231, 223, 141** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **141, 149, 231**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 196**, and **174, 168, 89** is the 20% darker color. If you saturate the color by 10%, you get **231, 221, 118**, and if you desaturate by 10%, it is **231, 225, 164**.

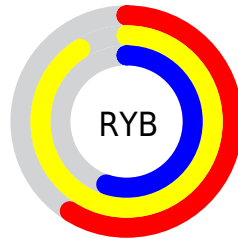
Distribution



Red (91%)

Green (87%)

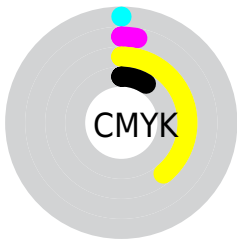
Blue (55%)



Red (59%)

Yellow (91%)

Blue (55%)

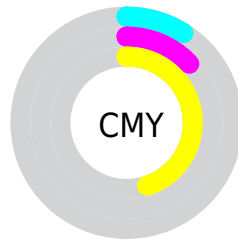


Cyan (0%)

Magenta (3%)

Yellow (39%)

Black (9%)



Cyan (9%)


Magenta (13%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 223, 141 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, 223, 141 by changing the saturation by 10% instead.

 231, 223, 141

 231, 223, 141


255, 255, 255

 202, 195, 115

 255, 255, 196

 174, 168, 89

 255, 255, 224

 146, 142, 64


255, 255, 253

 120, 116, 40

 93, 92, 13

 68, 68, 0

 44, 46, 0


 19, 26, 0


 0, 0, 0


 231, 223, 141


 231, 223, 141

 231, 221, 118


 231, 225, 164


 231, 219, 95


 231, 227, 187

 231, 217, 72

 231, 229, 210

 231, 215, 49


 231, 231, 233

 231, 213, 26

 231, 233, 255

 231, 211, 2

 231, 235, 255

 231, 210, 0

 231, 237, 255

 231, 239, 255

 231, 241, 255

Harmonies

Analogous

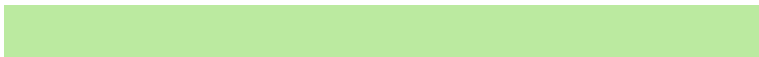
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 210, 144



231, 223, 141



187, 234, 160

Triad

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



231, 223, 141



76, 239, 255



255, 193, 246

Complementary

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



231, 223, 141



141, 149, 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.



246, 204, 255



231, 223, 141



126, 231, 255

Square

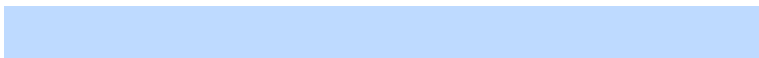
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231, 223, 141



90, 242, 236



190, 218, 255



255, 190, 205

Rectangle

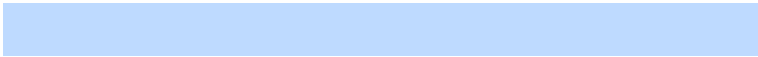
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231, 223, 141



154, 238, 182



190, 218, 255



255, 196, 255

Sweetspot

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



231, 223, 141



255, 252, 224



231, 141, 150



128, 126, 110



0, 0, 0



128, 128, 128

Same Dimension

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



231, 223, 141



255, 244, 135



195, 231, 141



115, 114, 103



179, 163, 0



51, 46, 0

Inverse Universe

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



141, 149, 231



135, 146, 255



177, 141, 231



103, 104, 115



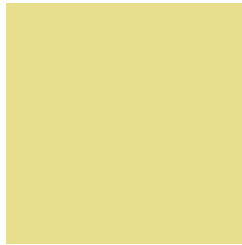
0, 16, 179



0, 5, 51

Previews

White Background



This preview shows how the RGB color 231, 223, 141 looks on a white background.

Color Contrast Check

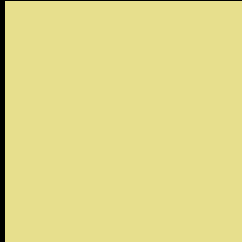
Large Text (above 18pt) WCAG AA × Fail

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, 223, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

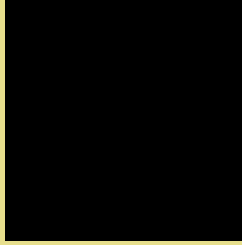
Any Text WCAG AA ✓ Pass

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, 223, 141 Background



This preview shows how black text looks on a background with the RGB color 231, 223, 141.



This preview shows how white text looks on a background with the RGB color 231, 223, 141.

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, 223, 141

Protanopia
240, 220, 140

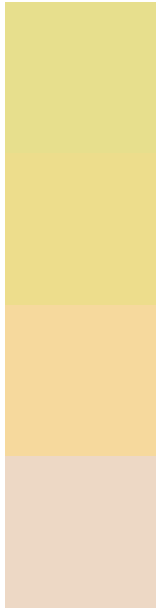
Deuteranopia
255, 213, 166



Tritanopia

241, 212, 229

Trichromacy



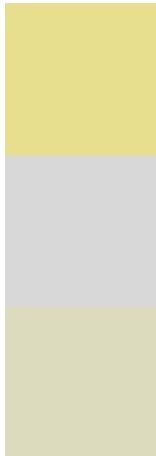
Original Color
231, 223, 141

Protanomaly
237, 221, 140

Deuteranomaly
246, 217, 157

Tritanomaly
237, 216, 197

Monochromacy



Original Color
231, 223, 141

Achromatopsia
216, 216, 216

Achromatomaly
221, 219, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 223, 141 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, 223, 141)` looks like.

```
.text, #text, p{  
    color:rgb(231, 223, 141)  
}
```

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, 223, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 223, 141) }
```

Border

The CSS property to change the border of an element to RGB 231, 223, 141 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, 223, 141) }
```

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

```
.border{ border-color:rgb(231, 223, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 223, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 223, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 223, 141); box-shadow:4px 4px 4px 4px rgb(231, 223, 141) }
```

Background

The CSS property to change the background color of an element to RGB 231, 223, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 223, 141) }
```

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

```
.background{ background-color: rgb(231,  
223, 141) }
```

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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