

Converting Colors

RGB(225, 217, 137)

Have a look what the booklet for
RGB(225, 217, 137) contains.

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Color

RGB(225, 217, 137)

Conversions

Conversions Part 1

Format	Color
Hex	E1D989
RGB	225, 217, 137
RGB Percent	88%, 85%, 54%
CMY	0.1176, 0.1490, 0.4627
CMYK	0.00, 0.04, 0.39, 0.12
HSL	55°, 59%, 71%
HSV	55°, 39%, 88%
XYZ	60.3795, 67.4394, 33.5017
YIQ	210.2720, 30.4480, -23.1840

Conversions

Conversions Part 2

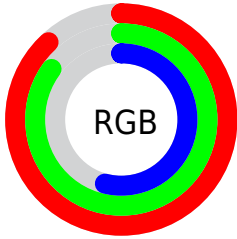
Format	Color
RYB	146, 225, 137
Decimal	14801289
CIELab	85.73, -8.65, 40.37
CIELCh	86, 41.285, 102.095
Yxy	67.4394, 0.3743, 0.4180
Android (android.graphics.Color)	4292991369 (0xFFE1D989)
YUV	210.2720, -36.1231, 12.9165
Hunter-Lab	82.1215, -12.4711, 33.2975

Details

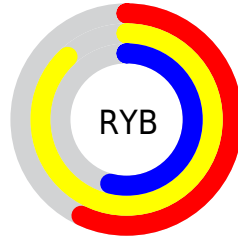
The RGB color **225, 217, 137** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **137, 145, 225**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 255, 191**, and **168, 162, 86** is the 20% darker color. If you saturate the color by 10%, you get **225, 215, 114**, and if you desaturate by 10%, it is **225, 219, 160**.

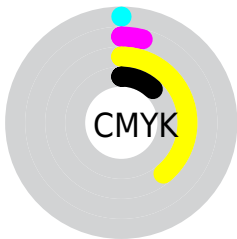
Distribution



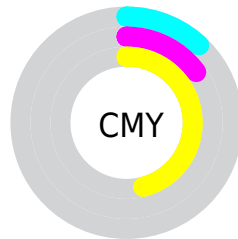
- Red (88%)
- Green (85%)
- Blue (54%)



- Red (57%)
- Yellow (88%)
- Blue (54%)



- Cyan (0%)
- Magenta (4%)
- Yellow (39%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 217, 137 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 225, 217, 137 by changing the saturation by 10% instead.

 225, 217, 137


255, 255, 255


 255, 255, 191


 255, 255, 220


 255, 255, 248

 225, 217, 137

 196, 189, 111

 168, 162, 86


 141, 136, 61

 114, 111, 36

 88, 87, 9

 64, 63, 0

 39, 42, 0

 10, 22, 0


 0, 0, 0

 225, 217, 137


 225, 217, 137

 225, 215, 114


 225, 219, 160

 225, 213, 92


 225, 221, 182

 225, 211, 70

 225, 223, 204

 225, 209, 47

 225, 225, 227

 225, 207, 24

 225, 227, 249

 225, 205, 2

 225, 229, 255

 225, 205, 0

 225, 231, 255

 225, 233, 255

 225, 235, 255

Harmonies

Analogous

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



255, 204, 140



225, 217, 137



182, 227, 155

Triad

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



225, 217, 137



73, 233, 255



255, 187, 239

Complementary

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



225, 217, 137



137, 145, 225

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.



239, 199, 255



225, 217, 137



122, 225, 255

Square

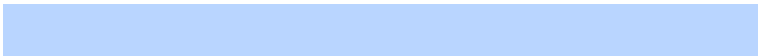
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225, 217, 137



87, 236, 229



185, 213, 255



255, 185, 200

Rectangle

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



225, 217, 137



150, 232, 176



185, 213, 255



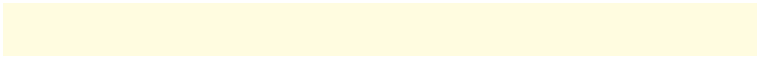
255, 190, 252

Sweetspot

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



225, 217, 137



255, 252, 224



225, 137, 146



128, 126, 110



0, 0, 0



128, 128, 128

Same Dimension

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



225, 217, 137



255, 244, 135



190, 225, 137



112, 111, 101



176, 160, 0



48, 44, 0

Inverse Universe

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



137, 145, 225



135, 146, 255



172, 137, 225



101, 102, 112



0, 16, 176



0, 4, 48

Previews

White Background



This preview shows how the RGB color 225, 217, 137 looks on a white background.

Color Contrast Check

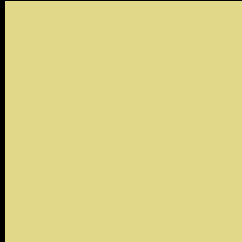
Large Text (above 18pt) WCAG AA × Fail

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 225, 217, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

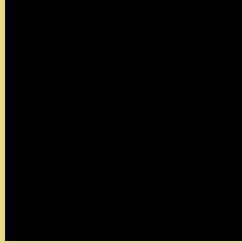
Any Text WCAG AA ✓ Pass

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 225, 217, 137 Background



This preview shows how black text looks on a background with the RGB color 225, 217, 137.



This preview shows how white text looks on a background with the RGB color 225, 217, 137.

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
225, 217, 137

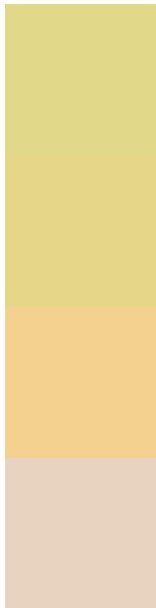
Protanopia
233, 214, 136

Deuteranopia
255, 205, 146



Tritanopia
235, 207, 223

Trichromacy



Original Color
225, 217, 137

Protanomaly
230, 215, 136

Deuteranomaly
244, 209, 143

Tritanomaly
231, 211, 192

Monochromacy



Original Color
225, 217, 137

Achromatopsia
210, 210, 210

Achromatomaly
215, 213, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 217, 137 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(225, 217, 137)` looks like.

```
.text, #text, p{  
    color:rgb(225, 217, 137)  
}
```

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(225, 217, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 217, 137) }
```

Border

The CSS property to change the border of an element to RGB 225, 217, 137 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(225, 217, 137) }
```

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

```
.border{ border-color:rgb(225, 217, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 217, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 217, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 217, 137); box-shadow:4px 4px 4px 4px rgb(225, 217, 137) }
```

Background

The CSS property to change the background color of an element to RGB 225, 217, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 217, 137) }
```

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

```
.background{ background-color: rgb(225,  
217, 137) }
```

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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