

Converting Colors

RGB(237, 217, 163)

Have a look what the booklet for
RGB(237, 217, 163) contains.

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Color

RGB(237, 217, 163)

Conversions

Conversions Part 1

Format	Color
Hex	EDD9A3
RGB	237, 217, 163
RGB Percent	93%, 85%, 64%
CMY	0.0706, 0.1490, 0.3608
CMYK	0.00, 0.08, 0.31, 0.07
HSL	44°, 67%, 78%
HSV	44°, 31%, 93%
XYZ	66.3488, 70.2746, 44.7177
YIQ	216.8240, 29.2540, -12.5540

Conversions

Conversions Part 2

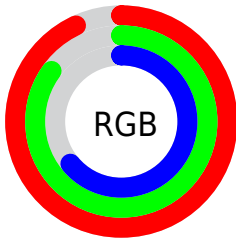
Format	Color
RYB	190, 237, 163
Decimal	15587747
CIELab	87.13, -0.99, 29.15
CIELCh	87, 29.166, 91.944
Yxy	70.2746, 0.3659, 0.3875
Android (android.graphics.Color)	4293777827 (0xFFEDD9A3)
YUV	216.8240, -26.5352, 17.6944
Hunter-Lab	83.8299, -5.4252, 27.0537

Details

The RGB color **237, 217, 163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **163, 183, 237**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 218**, and **180, 162, 111** is the 20% darker color. If you saturate the color by 10%, you get **237, 211, 139**, and if you desaturate by 10%, it is **237, 223, 187**.

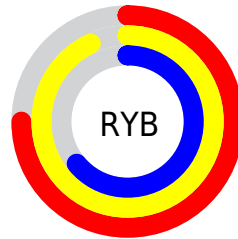
Distribution



Red (93%)

Green (85%)

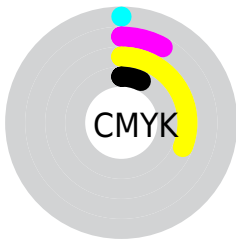
Blue (64%)



Red (75%)

Yellow (93%)

Blue (64%)

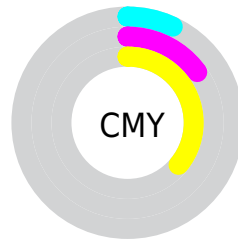


Cyan (0%)

Magenta (8%)

Yellow (31%)

Black (7%)



Cyan (7%)

Magenta (15%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 217, 163 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 237, 217, 163 by changing the saturation by 10% instead.


 237, 217, 163


255, 255, 255


 255, 255, 218

 255, 255, 247

 237, 217, 163

 208, 189, 136

 180, 162, 111

 153, 136, 86

 126, 111, 62

 100, 87, 39

 75, 63, 17

 52, 42, 0

 28, 22, 0

 0, 0, 0

■ 237, 217, 163

■ 237, 217, 163

■ 237, 211, 139

■ 237, 223, 187

■ 237, 204, 116

■ 237, 230, 210

■ 237, 198, 92

■ 237, 236, 234

■ 237, 191, 68

■ 237, 243, 255

■ 237, 185, 45

■ 237, 249, 255

■ 237, 179, 21

■ 237, 255, 255

■ 237, 173, 0

Harmonies

Analogous

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



255, 208, 170



237, 217, 163



207, 225, 171

Triad

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



237, 217, 163



138, 233, 247



255, 202, 245

Complementary

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



237, 217, 163



163, 183, 237

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.



225, 211, 255



237, 217, 163



153, 228, 255

Square

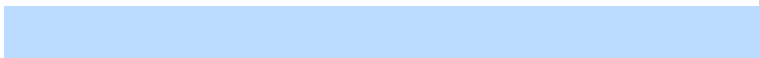
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237, 217, 163



148, 234, 219



187, 220, 255



255, 198, 217

Rectangle

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



237, 217, 163



186, 230, 183



187, 220, 255



247, 205, 253

Sweetspot

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



237, 217, 163



255, 249, 232



237, 163, 184



128, 124, 113



0, 0, 0



128, 128, 128

Same Dimension

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



237, 217, 163



255, 229, 161



221, 237, 163



117, 114, 106



181, 132, 0



54, 39, 0

Inverse Universe

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



163, 183, 237



161, 186, 255



179, 163, 237



106, 109, 117



0, 49, 181



0, 14, 54

Previews

White Background



This preview shows how the RGB color 237, 217, 163 looks on a white background.

Color Contrast Check

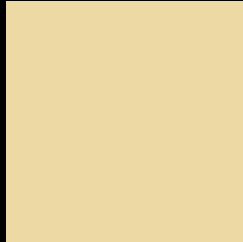
Large Text (above 18pt) WCAG AA × Fail

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 237, 217, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

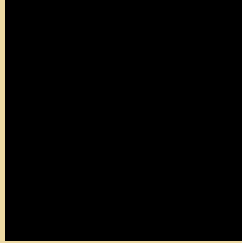
Any Text WCAG AA ✓ Pass

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 237, 217, 163 Background



This preview shows how black text looks on a background with the RGB color 237, 217, 163.


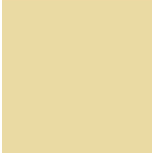
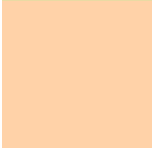


This preview shows how white text looks on a background with the RGB color 237, 217, 163.

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](#).

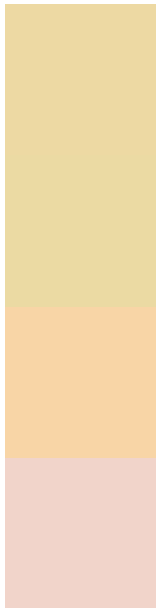
Dichromacy

	Original Color 237, 217, 163
	Protanopia 234, 218, 163
	Deuteranopia 255, 210, 168



Tritanopia
244, 209, 225

Trichromacy



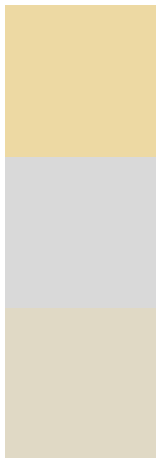
Original Color
237, 217, 163

Protanomaly
235, 218, 163

Deuteranomaly
248, 213, 166

Tritanomaly
241, 212, 202

Monochromacy



Original Color
237, 217, 163

Achromatopsia
217, 217, 217

Achromatomaly
224, 217, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 217, 163 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(237, 217, 163)` looks like.

```
.text, #text, p{  
    color:rgb(237, 217, 163)  
}
```

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(237, 217, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 217, 163) }
```

Border

The CSS property to change the border of an element to RGB 237, 217, 163 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(237, 217, 163) }
```

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

```
.border{ border-color:rgb(237, 217, 163) }
```

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

Here you see how a box with a 4 pixel rgb(237, 217, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 217, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 217, 163);  
box-shadow:4px 4px 4px 4px rgb(237, 217,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 237, 217, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 217, 163) }
```

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

```
.background{ background-color: rgb(237,  
217, 163) }
```

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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