Converting Colors

RGB(226, 219, 136)

Have a look what the booklet for RGB(226, 219, 136) contains.

Color

RGB(226, 219, 136)

Conversions

Conversions Part 1

Format	Color
Hex	E2DB88
RGB	226, 219, 136
RGB Percent	89%, 86%, 53%
CMY	0.1137, 0.1412, 0.4667
CMYK	0.00, 0.03, 0.40, 0.11
HSL	55°, 61%, 71%
HSV	55°, 40%, 89%
XYZ	61.1395, 68.6094, 33.3131
YIQ	211.6310, 30.8150, -24.3290

Conversions

Conversions Part 2

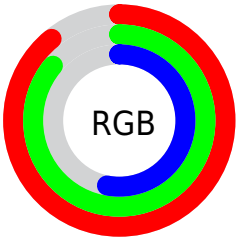
Format	Color
RYB	144, 226, 136
Decimal	14867336
CIELab	86.31, -9.38, 41.63
CIELCh	86, 42.673, 102.693
Yxy	68.6094, 0.3749, 0.4208
Android (android.graphics.Color)	4293057416 (0xFFE2DB88)
YUV	211.6310, -37.2861, 12.6016
Hunter-Lab	82.8308, -13.1985, 34.1361

Details

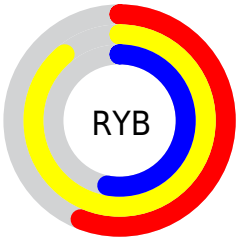
The RGB color 226, 219, 136 is a light color, and the websafe version is hex CCCC66. A complement of this color would be 136, 143, 226, and the grayscale version is 212, 212, 212.

A 20% lighter version of the original color is 255, 255, 190, and 169, 164, 84 is the 20% darker color. If you saturate the color by 10%, you get 226, 217, 113, and if you desaturate by 10%, it is 226, 221, 159.

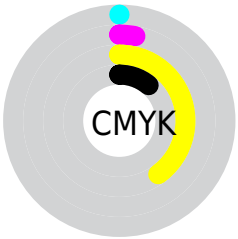
Distribution



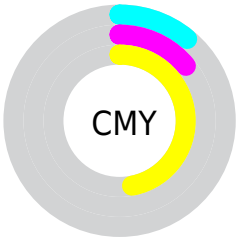
- Red (89%)
- Green (86%)
- Blue (53%)



- Red (56%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (3%)
- Yellow (40%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 219, 136 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 226, 219, 136 by changing the saturation by 10% instead.

226, 219, 136

255, 255, 255

255, 255, 190

255, 255, 219

255, 255, 247

226, 219, 136

197, 191, 110

169, 164, 84

142, 138, 60

115, 113, 35

89, 88, 7

64, 65, 0

40, 43, 0

11, 24, 0

0, 0, 0

226, 219, 136

226, 217, 113

226, 215, 91

226, 214, 68

226, 212, 46

226, 210, 23

226, 208, 0

226, 208, 0

226, 219, 136

226, 221, 159

226, 223, 181

226, 224, 204

226, 226, 226

226, 228, 249

226, 230, 255

226, 231, 255

226, 233, 255

226, 235, 255

Harmonies

Analogous

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

255, 205, 139

226, 219, 136

181, 230, 155

Triad

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

226, 219, 136

64, 235, 255

255, 188, 241

Complementary

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

226, 219, 136

136, 143, 226

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.

243, 199, 255

226, 219, 136

120, 227, 255

Square

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

226, 219, 136

80, 238, 232

186, 214, 255

255, 185, 200

Rectangle

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

226, 219, 136

148, 234, 178

186, 214, 255

255, 191, 254

Sweetspot

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

226, 219, 136

255, 253, 224

226, 136, 143

128, 126, 110

0, 0, 0

128, 128, 128

Same Dimension

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

226, 219, 136

255, 245, 133

189, 226, 136

112, 111, 101

176, 162, 0

48, 45, 0

Inverse Universe

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

136, 143, 226

133, 142, 255

174, 136, 226

101, 102, 112

0, 14, 176

0, 4, 48

Previews

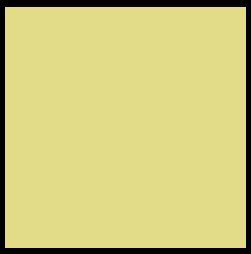
White Background

This preview shows how the RGB color 226, 219, 136 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



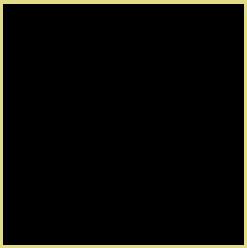
This preview shows how the RGB color 226, 219, 136 looks on a black background.

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 226, 219, 136 Background



This preview shows how black text looks on a background with the RGB color 226, 219, 136.

This preview shows how white text looks on a background with the RGB color 226, 219, 136.

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
226, 219, 136

Protanopia
235, 216, 135

Deuteranopia
255, 208, 151

Tritanopia
236, 208, 225

Trichromacy

Original Color
226, 219, 136

Protanomaly
232, 217, 135

Deuteranomaly
244, 212, 146

Tritanomaly
232, 212, 193

Monochromacy

Original Color
226, 219, 136

Achromatopsia
212, 212, 212

Achromatomaly
217, 215, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 219, 136 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(226, 219, 136) looks like.

```
.text, #text, p{
    color:rgb(226, 219, 136)
}
```

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(226, 219, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 136) }
```

Border

The CSS property to change the border of an element to RGB 226, 219, 136 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(226, 219, 136) }
```

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

```
.border{ border-color:rgb(226, 219, 136) }
```

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

Here you see how a box with a 4 pixel rgb(226, 219, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 219, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 219, 136); box-shadow:4px 4px 4px 4px rgb(226, 219, 136) }
```

Background

The CSS property to change the background color of an element to RGB 226, 219, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(226, 219, 136) }
```

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

```
.background{ background-color:rgb(226,
219, 136) }
```

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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