Converting Colors

RGB(226, 210, 132)

Have a look what the booklet for RGB(226, 210, 132) contains.

Color

RGB(226, 210, 132)

Conversions

Conversions Part 1

Format	Color
Hex	E2D284
RGB	226, 210, 132
RGB Percent	89%, 82%, 52%
CMY	0.1137, 0.1765, 0.4824
CMYK	0.00, 0.07, 0.42, 0.11
HSL	50°, 62%, 70%
HSV	50°, 42%, 89%
XYZ	58.5755, 63.9279, 31.0819
YIQ	205.8920, 34.5740, -20.8660

Conversions

Conversions Part 2

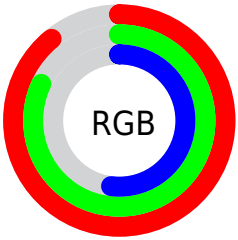
Format	Color
RYB	151, 226, 132
Decimal	14865028
CIELab	83.93, -5.23, 40.60
CIELCh	84, 40.937, 97.338
Yxy	63.9279, 0.3814, 0.4162
Android (android.graphics.Color)	4293055108 (0xFFE2D284)
YUV	205.8920, -36.4288, 17.6347
Hunter-Lab	79.9549, -9.1509, 32.9199

Details

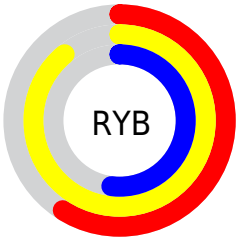
The RGB color 226, 210, 132 is a light color, and the websafe version is hex CCCC66. A complement of this color would be 132, 148, 226, and the grayscale version is 206, 206, 206.

A 20% lighter version of the original color is 255, 255, 186, and 169, 156, 81 is the 20% darker color. If you saturate the color by 10%, you get 226, 206, 109, and if you desaturate by 10%, it is 226, 214, 155.

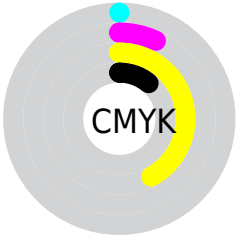
Distribution



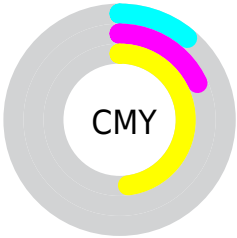
- Red (89%)
- Green (82%)
- Blue (52%)



- Red (59%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (7%)
- Yellow (42%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 210, 132 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, 210, 132 by changing the saturation by 10% instead.

226, 210, 132

255, 255, 255

255, 255, 186

255, 255, 214

255, 255, 243

226, 210, 132

197, 182, 106

169, 156, 81

142, 130, 56

115, 105, 32

89, 81, 4

64, 58, 0

39, 37, 0

8, 16, 0

0, 0, 0

226, 210, 132

226, 206, 109

226, 202, 87

226, 198, 64

226, 195, 42

226, 191, 19

226, 188, 0

226, 210, 132

226, 214, 155

226, 218, 177

226, 222, 200

226, 225, 222

226, 229, 245

226, 233, 255

226, 237, 255

226, 241, 255

226, 245, 255

Harmonies

Analogous

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

255, 197, 139

226, 210, 132

184, 221, 147

Triad

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

226, 210, 132

65, 228, 255

255, 184, 240

Complementary

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

226, 210, 132

132, 148, 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.

226, 196, 255

226, 210, 132

108, 221, 255

Square

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

226, 210, 132

89, 230, 218

170, 210, 255

255, 180, 201

Rectangle

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

226, 210, 132

153, 226, 166

170, 210, 255

255, 187, 251

Sweetspot

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

226, 210, 132

255, 250, 224

226, 132, 149

128, 124, 110

0, 0, 0

128, 128, 128

Same Dimension

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

226, 210, 132

255, 233, 128

196, 226, 132

112, 110, 101

176, 146, 0

48, 40, 0

Inverse Universe

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

132, 148, 226

128, 149, 255

162, 132, 226

101, 103, 112

0, 30, 176

0, 8, 48

Previews

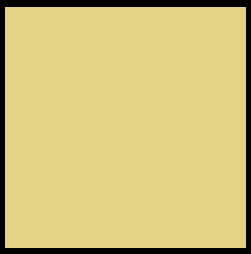
White Background

This preview shows how the RGB color 226, 210, 132 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



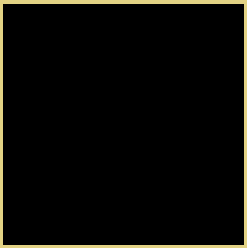
This preview shows how the RGB color 226, 210, 132 looks on a black background.

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, 210, 132 Background



This preview shows how black text looks on a background with the RGB color 226, 210, 132.

This preview shows how white text looks on a background with the RGB color 226, 210, 132.

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, 210, 132

Protanopia
228, 209, 132

Deuteranopia
252, 200, 134

Tritanopia
235, 200, 215

Trichromacy

Original Color
226, 210, 132

Protanomaly
227, 209, 132

Deuteranomaly
243, 204, 133

Tritanomaly
232, 204, 185

Monochromacy

Original Color
226, 210, 132

Achromatopsia
206, 206, 206

Achromatomaly
213, 207, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 210, 132 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, 210, 132) looks like.

```
.text, #text, p{
    color:rgb(226, 210, 132)
}
```

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, 210, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 210, 132) }
```

Border

The CSS property to change the border of an element to RGB 226, 210, 132 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, 210, 132) }
```

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

```
.border{ border-color:rgb(226, 210, 132) }
```

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

Here you see how a box with a 4 pixel rgb(226, 210, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 210, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 210, 132); box-shadow:4px 4px 4px 4px rgb(226, 210, 132) }
```

Background

The CSS property to change the background color of an element to RGB 226, 210, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(226, 210, 132) }
```

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

```
.background{ background-color:rgb(226,
210, 132) }
```

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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