Converting Colors

RGB(230, 205, 162)

Have a look what the booklet for RGB(230, 205, 162) contains.

Color

RGB(230, 205, 162)

Conversions

Conversions Part 1

Format	Color
Hex	E6CDA2
RGB	230, 205, 162
RGB Percent	90%, 80%, 64%
CMY	0.0980, 0.1961, 0.3647
CMYK	0.00, 0.11, 0.30, 0.10
HSL	38°, 58%, 77%
HSV	38°, 30%, 90%
XYZ	60.9860, 63.0943, 43.1465
YIQ	207.5730, 28.7030, -8.0730

Conversions

Conversions Part 2

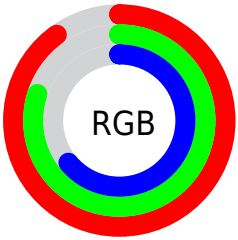
Format	Color
RYB	202, 230, 162
Decimal	15125922
CIELab	83.49, 2.41, 24.64
CIELCh	83, 24.754, 84.412
Yxy	63.0943, 0.3647, 0.3773
Android (android.graphics.Color)	4293316002 (0xFFE6CDA2)
YUV	207.5730, -22.4675, 19.6685
Hunter-Lab	79.4319, -1.9575, 23.3967

Details

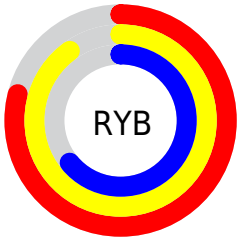
The RGB color 230, 205, 162 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 162, 187, 230, and the grayscale version is 208, 208, 208.

A 20% lighter version of the original color is 255, 255, 217, and 174, 151, 110 is the 20% darker color. If you saturate the color by 10%, you get 230, 197, 139, and if you desaturate by 10%, it is 230, 213, 185.

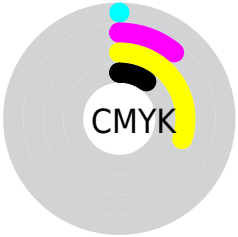
Distribution



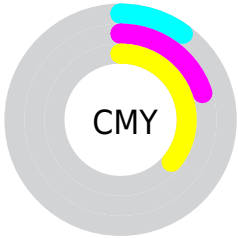
- Red (90%)
- Green (80%)
- Blue (64%)



- Red (79%)
- Yellow (90%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 205, 162 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 230, 205, 162 by changing the saturation by 10% instead.

230, 205, 162

255, 255, 255

255, 255, 217

255, 255, 246

230, 205, 162

201, 178, 136

174, 151, 110

146, 125, 85

120, 100, 62

94, 76, 39

70, 54, 18

47, 32, 0

22, 10, 0

0, 0, 0

230, 205, 162

230, 197, 139

230, 188, 116

230, 180, 93

230, 171, 70

230, 163, 47

230, 154, 24

230, 146, 1

230, 145, 0

230, 205, 162

230, 213, 185

230, 222, 208

230, 230, 231

230, 239, 254

230, 247, 255

230, 255, 255

Harmonies

Analogous

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

248, 198, 171

230, 205, 162

205, 212, 165

Triad

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

230, 205, 162

143, 221, 226

234, 196, 235

Complementary

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

230, 205, 162

162, 187, 230

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.

206, 204, 250

230, 205, 162

150, 218, 245

Square

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

230, 205, 162

155, 221, 203

175, 211, 254

252, 192, 213

Rectangle

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

230, 205, 162

188, 217, 174

175, 211, 254

226, 198, 241

Sweetspot

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

230, 205, 162

255, 247, 232

230, 162, 188

128, 122, 113

0, 0, 0

128, 128, 128

Same Dimension

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

230, 205, 162

255, 222, 166

222, 230, 162

115, 111, 103

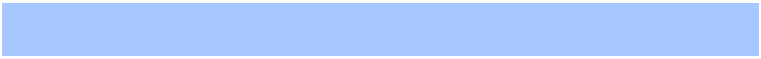
179, 113, 0

51, 32, 0

Inverse Universe

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

162, 187, 230



166, 199, 255

170, 162, 230

103, 107, 115

0, 66, 179

0, 19, 51

Previews

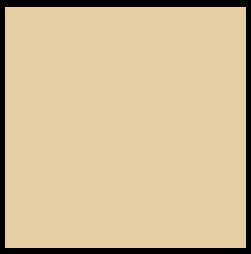
White Background

This preview shows how the RGB color 230, 205, 162 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



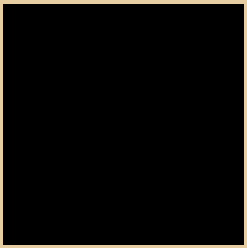
This preview shows how the RGB color 230, 205, 162 looks on a black background.

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 230, 205, 162 Background



This preview shows how black text looks on a background with the RGB color 230, 205, 162.

This preview shows how white text looks on a background with the RGB color 230, 205, 162.

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
230, 205, 162

Protanopia
222, 208, 163

Deuteranopia
243, 200, 163

Tritanopia
236, 198, 213

Trichromacy

Original Color
230, 205, 162

Protanomaly
225, 207, 163

Deuteranomaly
238, 202, 163

Tritanomaly
234, 201, 194

Monochromacy

Original Color
230, 205, 162

Achromatopsia
208, 208, 208

Achromatomaly
216, 207, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 205, 162 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(230, 205, 162) looks like.

```
.text, #text, p{
    color:rgb(230, 205, 162)
}
```

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(230, 205, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 205, 162) }
```

Border

The CSS property to change the border of an element to RGB 230, 205, 162 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(230, 205, 162) }
```

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

```
.border{ border-color:rgb(230, 205, 162) }
```

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

Here you see how a box with a 4 pixel rgb(230, 205, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 205, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 205, 162); box-shadow:4px 4px 4px 4px rgb(230, 205, 162) }
```

Background

The CSS property to change the background color of an element to RGB 230, 205, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(230, 205, 162) }
```

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

```
.background{ background-color:rgb(230,
205, 162) }
```

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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