Converting Colors

RGB(226, 214, 188)

Have a look what the booklet for RGB(226, 214, 188) contains.

Color

RGB(226, 214, 188)

Conversions

Conversions Part 1

Format	Color
Hex	E2D6BC
RGB	226, 214, 188
RGB Percent	89%, 84%, 74%
CMY	0.1137, 0.1608, 0.2627
CMYK	0.00, 0.05, 0.17, 0.11
HSL	41°, 40%, 81%
HSV	41°, 17%, 89%
XYZ	64.4877, 67.8927, 57.2827
YIQ	214.6240, 15.4980, -5.5420

Conversions

Conversions Part 2

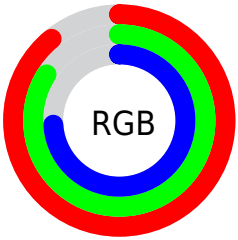
Format	Color
RYB	206, 226, 188
Decimal	14866108
CIELab	85.95, -0.10, 14.33
CIELCh	86, 14.326, 90.384
Yxy	67.8927, 0.3400, 0.3580
Android (android.graphics.Color)	4293056188 (0xFFE2D6BC)
YUV	214.6240, -13.1256, 9.9768
Hunter-Lab	82.3970, -4.4926, 16.4593

Details

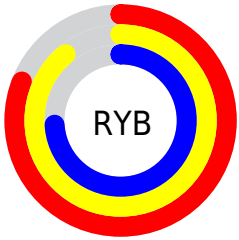
The RGB color 226, 214, 188 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 188, 200, 226, and the grayscale version is 215, 215, 215.

A 20% lighter version of the original color is 255, 255, 244, and 170, 159, 135 is the 20% darker color. If you saturate the color by 10%, you get 226, 207, 165, and if you desaturate by 10%, it is 226, 221, 211.

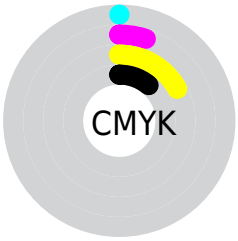
Distribution



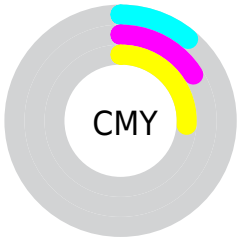
- Red (89%)
- Green (84%)
- Blue (74%)



- Red (81%)
- Yellow (89%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 214, 188 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, 214, 188 by changing the saturation by 10% instead.

226, 214, 188

255, 255, 255

255, 255, 244

226, 214, 188

198, 186, 161

170, 159, 135

144, 133, 109

118, 108, 85

93, 84, 62

69, 61, 40

46, 39, 19

26, 19, 0

0, 0, 0

226, 214, 188

226, 207, 165

226, 200, 143

226, 193, 120

226, 185, 98

226, 178, 75

226, 171, 52

226, 164, 30

226, 157, 7

226, 155, 0

226, 214, 188

226, 221, 211

226, 228, 233

226, 235, 255

226, 243, 255

226, 250, 255

226, 255, 255

Harmonies

Analogous

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

238, 210, 192

226, 214, 188

211, 218, 191

Triad

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

226, 214, 188

181, 223, 228

233, 208, 229

Complementary

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

226, 214, 188

188, 200, 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.

218, 211, 238

226, 214, 188

187, 220, 238

Square

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

226, 214, 188

184, 223, 215

201, 216, 242

242, 206, 215

Rectangle

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

226, 214, 188

200, 221, 197

201, 216, 242

229, 209, 232

Sweetspot

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

226, 214, 188

255, 251, 242

226, 188, 200

128, 125, 120

0, 0, 0

128, 128, 128

Same Dimension

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

226, 214, 188

255, 239, 204

219, 226, 188

112, 109, 101

176, 120, 0

48, 33, 0

Inverse Universe

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

188, 200, 226

204, 220, 255

195, 188, 226

101, 105, 112

0, 56, 176

0, 15, 48

Previews

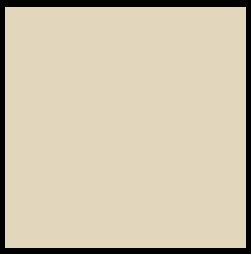
White Background

This preview shows how the RGB color 226, 214, 188 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



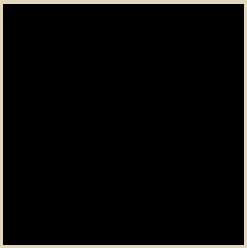
This preview shows how the RGB color 226, 214, 188 looks on a black background.

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, 214, 188 Background



This preview shows how black text looks on a background with the RGB color 226, 214, 188.

This preview shows how white text looks on a background with the RGB color 226, 214, 188.

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, 214, 188

Protanopia
225, 214, 188

Deuteranopia
245, 207, 189

Tritanopia
231, 209, 225

Trichromacy

Original Color
226, 214, 188

Protanomaly
225, 214, 188

Deuteranomaly
238, 210, 189

Tritanomaly
229, 211, 212

Monochromacy

Original Color
226, 214, 188

Achromatopsia
215, 215, 215

Achromatomaly
219, 215, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 214, 188 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, 214, 188) looks like.

```
.text, #text, p{
    color:rgb(226, 214, 188)
}
```

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, 214, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 188) }
```

Border

The CSS property to change the border of an element to RGB 226, 214, 188 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, 214, 188) }
```

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

```
.border{ border-color:rgb(226, 214, 188) }
```

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

Here you see how a box with a 4 pixel rgb(226, 214, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 214, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 214, 188); box-shadow:4px 4px 4px 4px rgb(226, 214, 188) }
```

Background

The CSS property to change the background color of an element to RGB 226, 214, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(226, 214, 188) }
```

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

```
.background{ background-color:rgb(226,
214, 188) }
```

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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