Converting Colors

RGB(226, 222, 185)

Have a look what the booklet for RGB(226, 222, 185) contains.

Color

RGB(226, 222, 185)

Conversions

Conversions Part 1

Format	Color
Hex	E2DEB9
RGB	226, 222, 185
RGB Percent	89%, 87%, 73%
CMY	0.1137, 0.1294, 0.2745
CMYK	0.00, 0.02, 0.18, 0.11
HSL	54°, 41%, 81%
HSV	54°, 18%, 89%
XYZ	66.2423, 71.9141, 56.2884
YIQ	218.9780, 14.2610, -10.6590

Conversions

Conversions Part 2

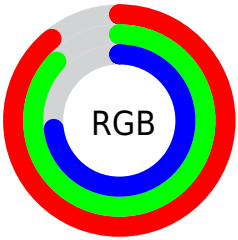
Format	Color
RYB	189, 226, 185
Decimal	14868153
CIELab	87.93, -4.66, 18.67
CIELCh	88, 19.242, 104.008
Yxy	71.9141, 0.3407, 0.3698
Android (android.graphics.Color)	4293058233 (0xFFE2DEB9)
YUV	218.9780, -16.7512, 6.1583
Hunter-Lab	84.8022, -8.9705, 20.0071

Details

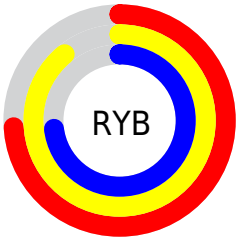
The RGB color 226, 222, 185 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 185, 189, 226, and the grayscale version is 219, 219, 219.

A 20% lighter version of the original color is 255, 255, 241, and 170, 167, 132 is the 20% darker color. If you saturate the color by 10%, you get 226, 220, 162, and if you desaturate by 10%, it is 226, 224, 208.

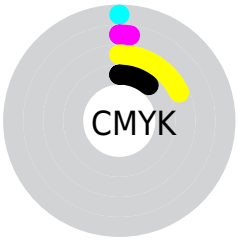
Distribution



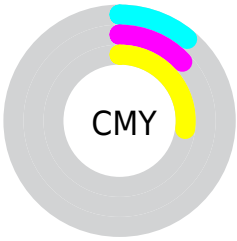
- Red (89%)
- Green (87%)
- Blue (73%)



- Red (74%)
- Yellow (89%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 222, 185 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, 222, 185 by changing the saturation by 10% instead.

226, 222, 185

255, 255, 255

255, 255, 241

226, 222, 185

198, 194, 158

170, 167, 132

144, 141, 106

118, 115, 82

93, 91, 59

69, 67, 37

46, 45, 16

25, 25, 0

0, 0, 0

226, 222, 185	226, 222, 185
226, 220, 162	226, 224, 208
226, 218, 140	226, 226, 230
226, 215, 117	226, 229, 253
226, 213, 95	226, 231, 255
226, 211, 72	226, 233, 255
226, 209, 49	226, 235, 255
226, 207, 27	226, 237, 255
226, 204, 4	226, 240, 255
226, 204, 0	226, 242, 255

Harmonies

Analogous

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

244, 216, 186

226, 222, 185

205, 227, 194

Triad

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

226, 222, 185

175, 229, 245

252, 209, 231

Complementary

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

226, 222, 185

185, 189, 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.

234, 213, 247

226, 222, 185

189, 225, 255

Square

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

226, 222, 185

174, 231, 229

211, 219, 255

255, 208, 212

Rectangle

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

226, 222, 185

192, 230, 204

211, 219, 255

247, 210, 237

Sweetspot

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

226, 222, 185

255, 254, 242

226, 185, 189

128, 127, 120

0, 0, 0

128, 128, 128

Same Dimension

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

226, 222, 185

255, 250, 199

210, 226, 185

112, 111, 101

176, 159, 0

48, 44, 0

Inverse Universe

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

185, 189, 226

199, 204, 255

201, 185, 226

101, 102, 112

0, 17, 176

0, 5, 48

Previews

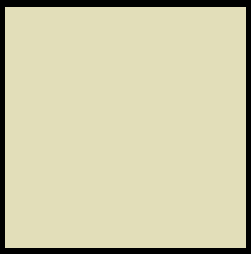
White Background

This preview shows how the RGB color 226, 222, 185 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



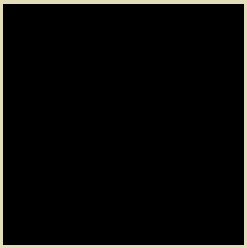
This preview shows how the RGB color 226, 222, 185 looks on a black background.

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, 222, 185 Background



This preview shows how black text looks on a background with the RGB color 226, 222, 185.

This preview shows how white text looks on a background with the RGB color 226, 222, 185.

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, 222, 185

Protanopia
233, 220, 184

Deuteranopia
254, 212, 187

Tritanopia
232, 215, 232

Trichromacy

Original Color
226, 222, 185

Protanomaly
230, 221, 184

Deuteranomaly
244, 216, 186

Tritanomaly
230, 218, 215

Monochromacy

Original Color
226, 222, 185

Achromatopsia
219, 219, 219

Achromatomaly
222, 220, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 222, 185 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, 222, 185) looks like.

```
.text, #text, p{
    color:rgb(226, 222, 185)
}
```

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, 222, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 222, 185) }
```

Border

The CSS property to change the border of an element to RGB 226, 222, 185 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, 222, 185) }
```

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

```
.border{ border-color:rgb(226, 222, 185) }
```

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

Here you see how a box with a 4 pixel rgb(226, 222, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 222, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 222, 185); box-shadow:4px 4px 4px 4px rgb(226, 222, 185) }
```

Background

The CSS property to change the background color of an element to RGB 226, 222, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(226, 222, 185) }
```

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

```
.background{ background-color:rgb(226,
222, 185) }
```

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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