Converting Colors

RGB(219, 212, 173)

Have a look what the booklet for RGB(219, 212, 173) contains.

Color

RGB(219, 212, 173)

Conversions

Conversions Part 1

Format	Color
Hex	DBD4AD
RGB	219, 212, 173
RGB Percent	86%, 83%, 68%
CMY	0.1412, 0.1686, 0.3216
CMYK	0.00, 0.03, 0.21, 0.14
HSL	51°, 39%, 77%
HSV	51°, 21%, 86%
XYZ	60.2997, 65.1642, 48.9350
YIQ	209.6470, 16.6910, -10.6450

Conversions

Conversions Part 2

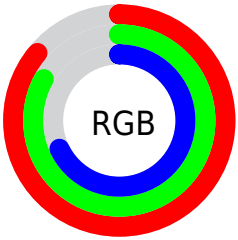
Format	Color
RYB	181, 219, 173
Decimal	14406829
CIELab	84.57, -3.85, 20.20
CIELCh	85, 20.561, 100.800
Yxy	65.1642, 0.3458, 0.3737
Android (android.graphics.Color)	4292596909 (0xFFDBD4AD)
YUV	209.6470, -18.0670, 8.2026
Hunter-Lab	80.7243, -7.9310, 20.5655

Details

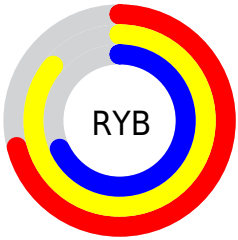
The RGB color 219, 212, 173 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 173, 180, 219, and the grayscale version is 210, 210, 210.

A 20% lighter version of the original color is 255, 255, 229, and 164, 158, 120 is the 20% darker color. If you saturate the color by 10%, you get 219, 209, 151, and if you desaturate by 10%, it is 219, 215, 195.

Distribution

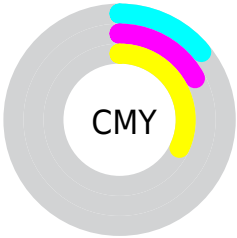


- Red (86%)
- Green (83%)
- Blue (68%)



- Red (71%)
- Yellow (86%)
- Blue (68%)

- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 212, 173 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 219, 212, 173 by changing the saturation by 10% instead.

219, 212, 173

255, 255, 255

255, 255, 229

219, 212, 173

191, 184, 146

164, 158, 120

137, 131, 96

111, 106, 72

86, 82, 49

63, 59, 27

41, 38, 3

15, 17, 0

0, 0, 0

219, 212, 173

219, 209, 151

219, 205, 129

219, 202, 107

219, 199, 85

219, 195, 64

219, 192, 42

219, 189, 20

219, 186, 0

219, 212, 173

219, 215, 195

219, 219, 217

219, 222, 239

219, 225, 255

219, 229, 255

219, 232, 255

219, 235, 255

219, 239, 255

219, 242, 255

Harmonies

Analogous

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

238, 206, 175

219, 212, 173

197, 218, 181

Triad

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

219, 212, 173

161, 221, 236

242, 199, 224

Complementary

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

219, 212, 173

173, 180, 219

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.

223, 204, 240

219, 212, 173

175, 217, 247

Square

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

219, 212, 173

162, 222, 218

198, 210, 249

251, 198, 205

Rectangle

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

219, 212, 173

182, 220, 192

198, 210, 249

237, 200, 230

Sweetspot

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

219, 212, 173

255, 253, 240

219, 173, 181

128, 126, 119

0, 0, 0

128, 128, 128

Same Dimension

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

219, 212, 173

255, 245, 191

204, 219, 173

110, 108, 99

173, 147, 0

46, 39, 0

Inverse Universe

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

173, 180, 219

191, 201, 255

188, 173, 219

99, 100, 110

0, 26, 173

0, 7, 46

Previews

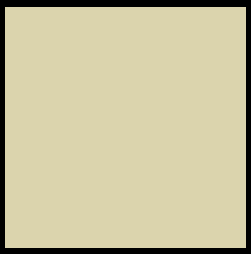
White Background

This preview shows how the RGB color 219, 212, 173 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



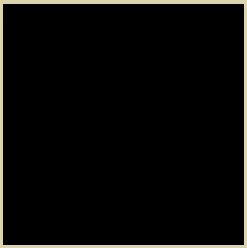
This preview shows how the RGB color 219, 212, 173 looks on a black background.

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 219, 212, 173 Background



This preview shows how black text looks on a background with the RGB color 219, 212, 173.

This preview shows how white text looks on a background with the RGB color 219, 212, 173.

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
219, 212, 173

Protanopia
223, 211, 172

Deuteranopia
244, 203, 175

Tritanopia
225, 205, 221

Trichromacy

Original Color
219, 212, 173

Protanomaly
222, 211, 172

Deuteranomaly
235, 206, 174

Tritanomaly
223, 208, 204

Monochromacy

Original Color
219, 212, 173

Achromatopsia
210, 210, 210

Achromatomaly
213, 211, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 212, 173 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(219, 212, 173) looks like.

```
.text, #text, p{
    color:rgb(219, 212, 173)
}
```

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(219, 212, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 173) }
```

Border

The CSS property to change the border of an element to RGB 219, 212, 173 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(219, 212, 173) }
```

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

```
.border{ border-color:rgb(219, 212, 173) }
```

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

Here you see how a box with a 4 pixel rgb(219, 212, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 212, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 212, 173); box-shadow:4px 4px 4px 4px rgb(219, 212, 173) }
```

Background

The CSS property to change the background color of an element to RGB 219, 212, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(219, 212, 173) }
```

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

```
.background{ background-color:rgb(219,
212, 173) }
```

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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