

Converting Colors

RGB(224, 199, 166)

Have a look what the booklet for
RGB(224, 199, 166) contains.

RGB(224, 199, 166)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(224, 199, 166)

Conversions

Conversions Part 1

Format	Color
Hex	E0C7A6
RGB	224, 199, 166
RGB Percent	88%, 78%, 65%
CMY	0.1216, 0.2196, 0.3490
CMYK	0.00, 0.11, 0.26, 0.12
HSL	34°, 48%, 76%
HSV	34°, 26%, 88%
XYZ	58.0468, 59.4473, 44.4915
YIQ	202.7130, 25.4930, -4.9630

Conversions

Conversions Part 2

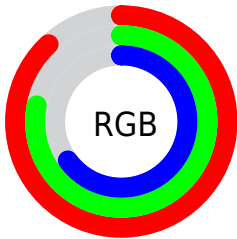
Format	Color
R _Y B	210, 224, 166
Decimal	14731174
CIE Lab	81.54, 3.79, 19.76
CIE LCh	82, 20.116, 79.126
Yxy	59.4473, 0.3583, 0.3670
Android (android.graphics.Color)	4292921254 (0xFFE0C7A6)
YUV	202.7130, -18.0995, 18.6687
Hunter-Lab	77.1021, -0.5437, 19.7584

Details

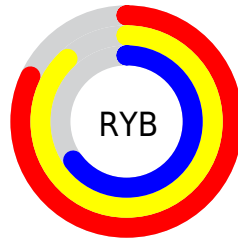
The RGB color **224, 199, 166** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166, 191, 224**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 255, 221**, and **168, 145, 114** is the 20% darker color. If you saturate the color by 10%, you get **224, 189, 144**, and if you desaturate by 10%, it is **224, 209, 188**.

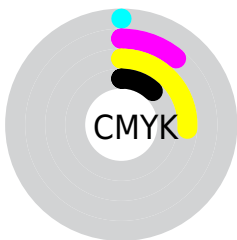
Distribution



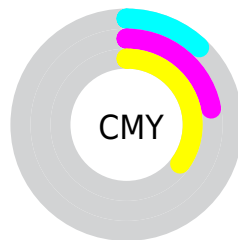
- Red (88%)
- Green (78%)
- Blue (65%)



- Red (82%)
- Yellow (88%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (12%)




- Cyan (12%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 199, 166 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 224, 199, 166 by changing the saturation by 10% instead.

 224, 199, 166

255, 255, 255


 255, 255, 221


 255, 255, 250


 224, 199, 166

 196, 172, 140

 168, 145, 114

 141, 120, 89

 115, 95, 66

 90, 71, 43

 65, 49, 22

 44, 28, 0

 17, 2, 0

 0, 0, 0

■ 224, 199, 166

■ 224, 199, 166

■ 224, 189, 144

■ 224, 209, 188

■ 224, 180, 121

■ 224, 218, 211

■ 224, 170, 99

■ 224, 228, 233

■ 224, 160, 76

■ 224, 238, 255

■ 224, 151, 54

■ 224, 247, 255

■ 224, 141, 32

■ 224, 255, 255

■ 224, 131, 9

■ 224, 127, 0

Harmonies

Analogous

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



238, 193, 175



224, 199, 166



205, 205, 167

Triad

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



224, 199, 166



153, 213, 214



220, 194, 227

Complementary

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



224, 199, 166



166, 191, 224

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.



197, 200, 238



224, 199, 166



156, 211, 230

Square

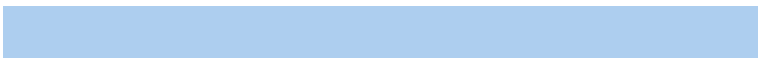
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224, 199, 166



164, 213, 195



173, 206, 239



236, 190, 210

Rectangle

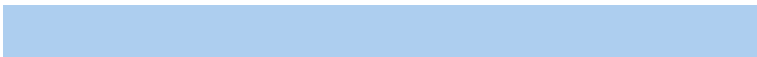
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224, 199, 166



190, 209, 173



173, 206, 239



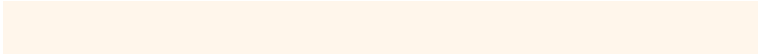
213, 196, 232

Sweetspot

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



224, 199, 166



255, 246, 235



224, 166, 191



128, 122, 115



0, 0, 0



128, 128, 128

Same Dimension

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



224, 199, 166



255, 221, 176



220, 224, 166



112, 107, 101



176, 100, 0



48, 28, 0

Inverse Universe

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



166, 191, 224



176, 210, 255



170, 166, 224



101, 106, 112



0, 76, 176



0, 21, 48

Previews

White Background



This preview shows how the RGB color 224, 199, 166 looks on a white background.

Color Contrast Check

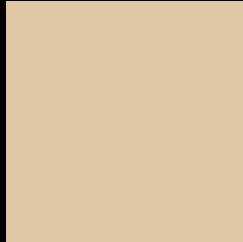
Large Text (above 18pt) WCAG AA × Fail

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 224, 199, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

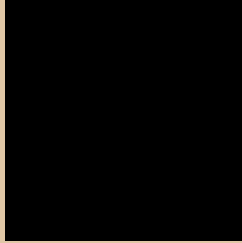
Any Text WCAG AA ✓ Pass

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 224, 199, 166 Background



This preview shows how black text looks on a background with the RGB color 224, 199, 166.







This preview shows how white text looks on a background with the RGB color 224, 199, 166.

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](#).

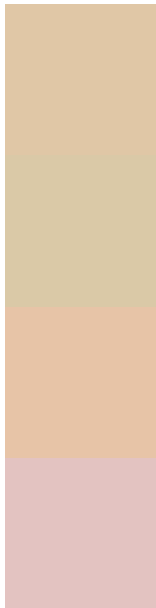
Dichromacy

	Original Color 224, 199, 166
	Protanopia 214, 202, 168
	Deuteranopia 235, 195, 167



Tritanopia
229, 193, 208

Trichromacy



Original Color

224, 199, 166

Protanomaly

218, 201, 167

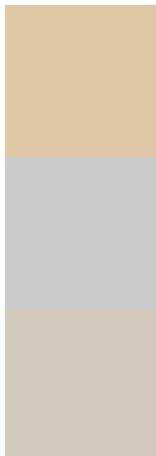
Deuteranomaly

231, 196, 167

Tritanomaly

227, 195, 193

Monochromacy



Original Color

224, 199, 166

Achromatopsia

203, 203, 203

Achromatomaly

211, 202, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 199, 166 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(224, 199, 166)` looks like.

```
.text, #text, p{  
    color:rgb(224, 199, 166)  
}
```

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(224, 199, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 199, 166) }
```

Border

The CSS property to change the border of an element to RGB 224, 199, 166 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(224, 199, 166) }
```

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

```
.border{ border-color:rgb(224, 199, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 199, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 199, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 199, 166);  
box-shadow:4px 4px 4px 4px rgb(224, 199,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 224, 199, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 199, 166) }
```

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

```
.background{ background-color: rgb(224,  
199, 166) }
```

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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