

Converting Colors

RGB(228, 200, 163)

Have a look what the booklet for
RGB(228, 200, 163) contains.

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Color

RGB(228, 200, 163)

Conversions

Conversions Part 1

Format	Color
Hex	E4C8A3
RGB	228, 200, 163
RGB Percent	89%, 78%, 64%
CMY	0.1059, 0.2157, 0.3608
CMYK	0.00, 0.12, 0.29, 0.11
HSL	34°, 55%, 77%
HSV	34°, 29%, 89%
XYZ	59.2600, 60.4469, 43.1944
YIQ	204.1540, 28.5650, -5.5710

Conversions

Conversions Part 2

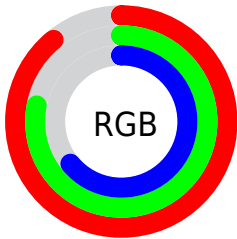
Format	Color
R _Y B	212, 228, 163
Decimal	14993571
CIE Lab	82.08, 4.39, 22.15
CIE LCh	82, 22.579, 78.797
Yxy	60.4469, 0.3638, 0.3711
Android (android.graphics.Color)	4293183651 (0xFFE4C8A3)
YUV	204.1540, -20.2889, 20.9129
Hunter-Lab	77.7476, -0.0037, 21.4834

Details

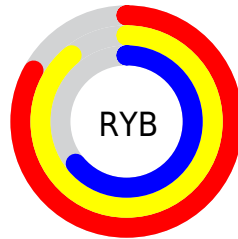
The RGB color **228, 200, 163** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **163, 191, 228**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 255, 218**, and **172, 146, 111** is the 20% darker color. If you saturate the color by 10%, you get **228, 190, 140**, and if you desaturate by 10%, it is **228, 210, 186**.

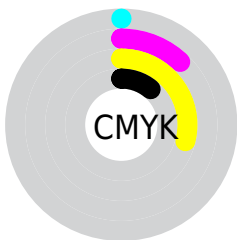
Distribution



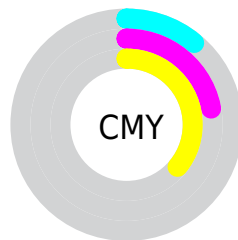
- Red (89%)
- Green (78%)
- Blue (64%)



- Red (83%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RGB color 228, 200, 163 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 228, 200, 163 by changing the saturation by 10% instead.

 228, 200, 163

 228, 200, 163


255, 255, 255

 200, 173, 137

 255, 255, 218

 172, 146, 111

 255, 255, 247

 145, 120, 87

 118, 96, 63

 93, 72, 41

 68, 50, 19


 46, 29, 0

 20, 4, 0

 0, 0, 0

 228, 200, 163


 228, 200, 163

 228, 190, 140


 228, 210, 186

 228, 180, 117


 228, 220, 209

 228, 171, 95


 228, 229, 231

 228, 161, 72

 228, 239, 254

 228, 151, 49

 228, 249, 255

 228, 141, 26

 228, 255, 255

 228, 131, 3

 228, 130, 0

Harmonies

Analogous

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



243, 193, 173



228, 200, 163



206, 207, 164

Triad

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



228, 200, 163



147, 216, 217



224, 194, 232

Complementary

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



228, 200, 163



163, 191, 228

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, 201, 244



228, 200, 163



150, 214, 235

Square

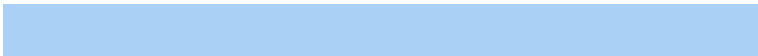
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228, 200, 163



160, 216, 195



170, 208, 245



242, 190, 213

Rectangle

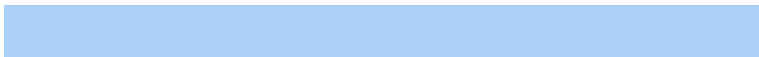
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228, 200, 163



190, 211, 171



170, 208, 245



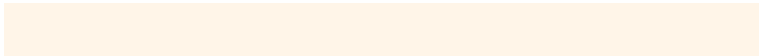
216, 197, 237

Sweetspot

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



228, 200, 163



255, 245, 232



228, 163, 191



128, 121, 113



0, 0, 0



128, 128, 128

Same Dimension

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



228, 200, 163



255, 218, 168



224, 228, 163



115, 110, 103



179, 102, 0



51, 29, 0

Inverse Universe

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



163, 191, 228



168, 206, 255



167, 163, 228



103, 108, 115



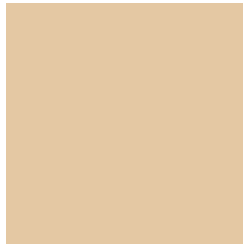
0, 77, 179



0, 22, 51

Previews

White Background



This preview shows how the RGB color 228, 200, 163 looks on a white background.

Color Contrast Check

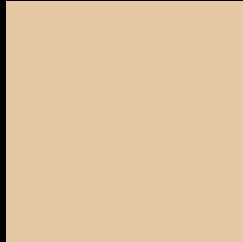
Large Text (above 18pt) WCAG AA × Fail

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 228, 200, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

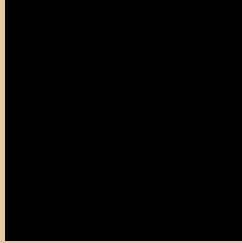
Any Text WCAG AA ✓ Pass

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 228, 200, 163 Background



This preview shows how black text looks on a background with the RGB color 228, 200, 163.



This preview shows how white text looks on a background with the RGB color 228, 200, 163.

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
228, 200, 163

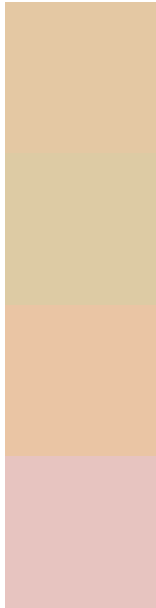
Protanopia
217, 204, 165

Deuteranopia
238, 196, 164



Tritanopia
233, 194, 209

Trichromacy



Original Color

228, 200, 163

Protanomaly

221, 203, 164

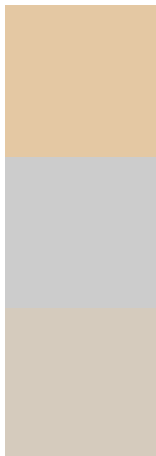
Deuteranomaly

234, 197, 164

Tritanomaly

231, 196, 192

Monochromacy



Original Color

228, 200, 163

Achromatopsia

204, 204, 204

Achromatomaly

213, 203, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 200, 163 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(228, 200, 163)` looks like.

```
.text, #text, p{  
    color:rgb(228, 200, 163)  
}
```

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(228, 200, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 200, 163) }
```

Border

The CSS property to change the border of an element to RGB 228, 200, 163 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(228, 200, 163) }
```

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

```
.border{ border-color:rgb(228, 200, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 200, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 200, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 200, 163);  
box-shadow:4px 4px 4px 4px rgb(228, 200,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 228, 200, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 200, 163) }
```

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

```
.background{ background-color: rgb(228,  
200, 163) }
```

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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