

Converting Colors

RGB(232, 218, 196)

Have a look what the booklet for
RGB(232, 218, 196) contains.

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Color

RGB(232, 218, 196)

Conversions

Conversions Part 1

Format	Color
Hex	E8DAC4
RGB	232, 218, 196
RGB Percent	91%, 85%, 77%
CMY	0.0902, 0.1451, 0.2314
CMYK	0.00, 0.06, 0.16, 0.09
HSL	37°, 44%, 84%
HSV	37°, 16%, 91%
XYZ	68.3139, 71.2841, 62.3832
YIQ	219.6780, 15.4060, -3.8740

Conversions

Conversions Part 2

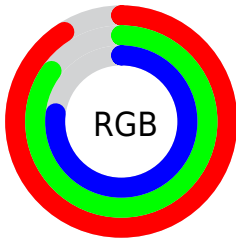
Format	Color
R _Y B	219, 232, 196
Decimal	15260356
CIE Lab	87.62, 1.23, 12.55
CIE LCh	88, 12.609, 84.410
Yxy	71.2841, 0.3382, 0.3529
Android (android.graphics.Color)	4293450436 (0xFFE8DAC4)
YUV	219.6780, -11.6733, 10.8064
Hunter-Lab	84.4299, -3.3245, 15.2930

Details

The RGB color **232, 218, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 210, 232**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 253**, and **176, 163, 142** is the 20% darker color. If you saturate the color by 10%, you get **232, 209, 173**, and if you desaturate by 10%, it is **232, 227, 219**.

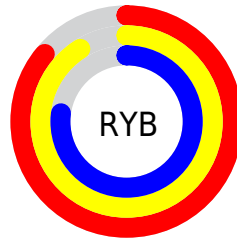
Distribution



Red (91%)

Green (85%)

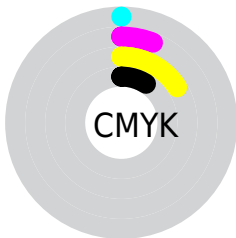
Blue (77%)



Red (86%)

Yellow (91%)

Blue (77%)

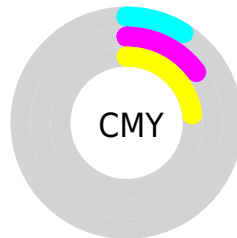


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 218, 196 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 232, 218, 196 by changing the saturation by 10% instead.

 232, 218, 196

255, 255, 255

255, 255, 253

 232, 218, 196

 204, 190, 169


 176, 163, 142

 149, 137, 117

 123, 112, 92

 98, 87, 68

 74, 64, 46

 51, 42, 25

 31, 22, 0

 0, 0, 0

 232, 218, 196

 232, 218, 196

 232, 209, 173


 232, 227, 219

 232, 200, 150


 232, 236, 242

 232, 191, 126

 232, 245, 255

 232, 182, 103


 232, 254, 255

 232, 173, 80

 232, 255, 255

 232, 164, 57

 232, 155, 34

 232, 146, 10

 232, 142, 0

Harmonies

Analogous

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



242, 214, 201



232, 218, 196



219, 222, 198

Triad

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



232, 218, 196



190, 227, 229



233, 214, 234

Complementary

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



232, 218, 196



196, 210, 232

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.



219, 217, 241



232, 218, 196



193, 225, 239

Square

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



232, 218, 196



194, 227, 217



205, 221, 243



243, 212, 222

Rectangle

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



232, 218, 196



209, 224, 202



205, 221, 243



229, 215, 237

Sweetspot

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



232, 218, 196



255, 250, 242



232, 196, 210



128, 125, 120



0, 0, 0



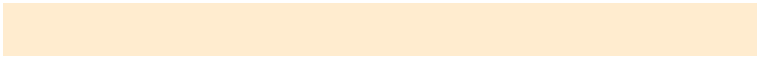
128, 128, 128

Same Dimension

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



232, 218, 196



255, 236, 207



228, 232, 196



115, 110, 103



179, 109, 0



51, 31, 0

Inverse Universe

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



196, 210, 232



207, 225, 255



200, 196, 232



103, 108, 115



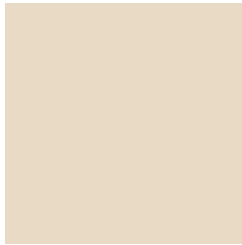
0, 69, 179



0, 20, 51

Previews

White Background



This preview shows how the RGB color 232, 218, 196 looks on a white background.

Color Contrast Check

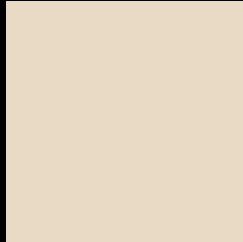
Large Text (above 18pt) WCAG AA × Fail

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 232, 218, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

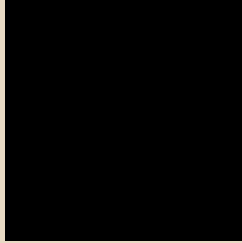
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

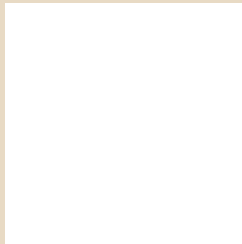
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 232, 218, 196 Background



This preview shows how black text looks on a background with the RGB color 232, 218, 196.

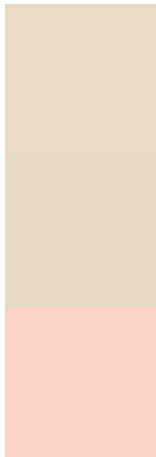


This preview shows how white text looks on a background with the RGB color 232, 218, 196.

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](#).

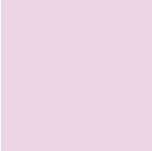
Dichromacy



Original Color
232, 218, 196

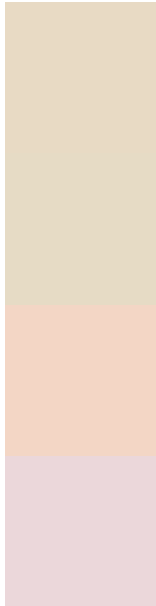
Protanopia
229, 219, 197

Deuteranopia
249, 212, 197



Tritanopia
237, 213, 230

Trichromacy



Original Color

232, 218, 196

Protanomaly

230, 219, 197

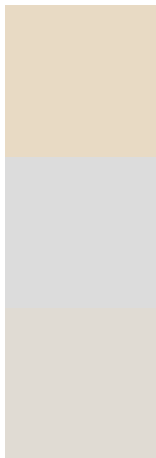
Deuteranomaly

243, 214, 197

Tritanomaly

235, 215, 218

Monochromacy



Original Color

232, 218, 196

Achromatopsia

220, 220, 220

Achromatomaly

224, 219, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 218, 196 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(232, 218, 196)` looks like.

```
.text, #text, p{  
    color:rgb(232, 218, 196)  
}
```

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(232, 218, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 218, 196) }
```

Border

The CSS property to change the border of an element to RGB 232, 218, 196 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(232, 218, 196) }
```

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

```
.border{ border-color:rgb(232, 218, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 218, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 218, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 218, 196);  
box-shadow:4px 4px 4px 4px rgb(232, 218,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 232, 218, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 218, 196) }
```

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

```
.background{ background-color: rgb(232,  
218, 196) }
```

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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