

Converting Colors

RGB(230, 222, 192)

Have a look what the booklet for
RGB(230, 222, 192) contains.

RGB(230, 222, 192)	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(230, 222, 192)

Conversions

Conversions Part 1

Format	Color
Hex	E6DEC0
RGB	230, 222, 192
RGB Percent	90%, 87%, 75%
CMY	0.0980, 0.1294, 0.2471
CMYK	0.00, 0.03, 0.17, 0.10
HSL	47°, 43%, 83%
HSV	47°, 17%, 90%
XYZ	68.2688, 72.8713, 60.3366
YIQ	220.9720, 14.3980, -7.6340

Conversions

Conversions Part 2

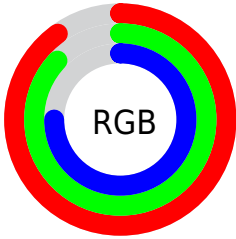
Format	Color
R_{YB}	202, 230, 192
Decimal	15130304
CIE _{Lab}	88.39, -2.16, 15.70
CIE _{LCh}	88, 15.850, 97.836
Yxy	72.8713, 0.3388, 0.3617
Android (android.graphics.Color)	4293320384 (0xFFE6DEC0)
YUV	220.9720, -14.2832, 7.9176
Hunter-Lab	85.3647, -6.6362, 17.8485

Details

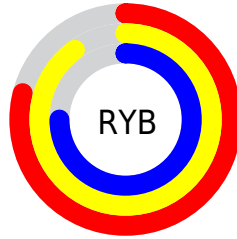
The RGB color **230, 222, 192** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **192, 200, 230**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 248**, and **174, 167, 138** is the 20% darker color. If you saturate the color by 10%, you get **230, 217, 169**, and if you desaturate by 10%, it is **230, 227, 215**.

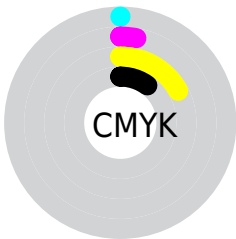
Distribution



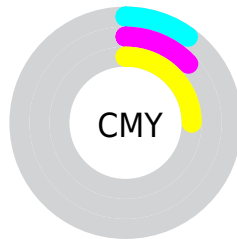
- Red (90%)
- Green (87%)
- Blue (75%)



- Red (79%)
- Yellow (90%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 222, 192 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 230, 222, 192 by changing the saturation by 10% instead.


 230, 222, 192


255, 255, 255


 255, 255, 248

 230, 222, 192

 202, 194, 165

 174, 167, 138

 147, 141, 113


 121, 115, 88

 96, 91, 65

 72, 67, 43

 49, 45, 22

 29, 24, 0

 0, 0, 0

 230, 222, 192

 230, 222, 192

 230, 217, 169

 230, 227, 215

 230, 212, 146


 230, 232, 238

 230, 207, 123


 230, 237, 255

 230, 203, 100


 230, 241, 255

 230, 198, 77

 230, 246, 255

 230, 193, 54

 230, 251, 255

 230, 188, 31

 230, 255, 255

 230, 183, 8

 230, 182, 0

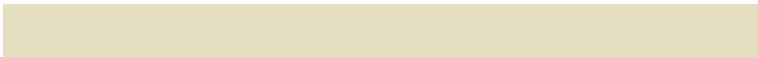
Harmonies

Analogous

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



244, 217, 194



230, 222, 192



213, 227, 198

Triad

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



230, 222, 192



184, 230, 240



245, 213, 234

Complementary

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



230, 222, 192



192, 200, 230

Split Complementary

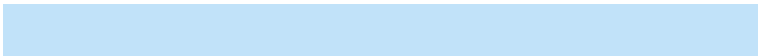
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 217, 246



230, 222, 192



193, 226, 249

Square

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



230, 222, 192



185, 231, 225



211, 222, 251



253, 211, 218

Rectangle

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



230, 222, 192



201, 229, 205



211, 222, 251



241, 214, 238

Sweetspot

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



230, 222, 192



255, 252, 242



230, 192, 200



128, 126, 120



0, 0, 0



128, 128, 128

Same Dimension

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



230, 222, 192



255, 244, 204



219, 230, 192



115, 112, 103



179, 141, 0



51, 40, 0

Inverse Universe

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



192, 200, 230



204, 215, 255



203, 192, 230



103, 106, 115



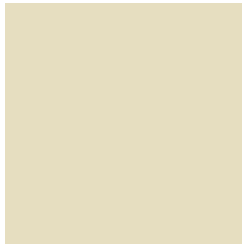
0, 38, 179



0, 11, 51

Previews

White Background



This preview shows how the RGB color 230, 222, 192 looks on a white background.

Color Contrast Check

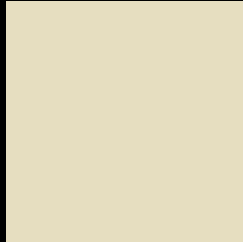
Large Text (above 18pt) WCAG AA × Fail

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 230, 222, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

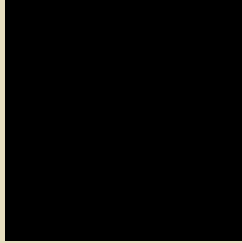
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

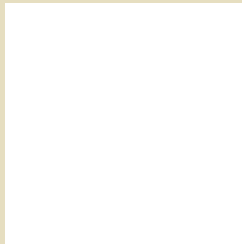
Any Text WCAG AAA ✓ Pass

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

RGB 230, 222, 192 Background



This preview shows how black text looks on a background with the RGB color 230, 222, 192.



This preview shows how white text looks on a background with the RGB color 230, 222, 192.

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](#).

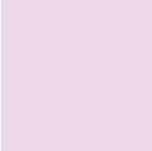
Dichromacy



Original Color
230, 222, 192

Protanopia
233, 221, 192

Deuteranopia
253, 214, 194



Tritanopia
236, 216, 233

Trichromacy



Original Color

230, 222, 192

Protanomaly

232, 221, 192

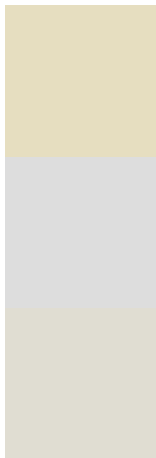
Deuteranomaly

245, 217, 193

Tritanomaly

234, 218, 218

Monochromacy



Original Color

230, 222, 192

Achromatopsia

221, 221, 221

Achromatomaly

224, 221, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 222, 192 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(230, 222, 192)` looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 192)  
}
```

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(230, 222, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 192) }
```

Border

The CSS property to change the border of an element to RGB 230, 222, 192 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(230, 222, 192) }
```

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

```
.border{ border-color:rgb(230, 222, 192) }
```

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

Here you see how a box with a 4 pixel rgb(230, 222, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 192);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 230, 222, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 192) }
```

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

```
.background{ background-color: rgb(230,  
222, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor