

Converting Colors

RGB(221, 212, 187)

Have a look what the booklet for
RGB(221, 212, 187) contains.

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Color

RGB(221, 212, 187)

Conversions

Conversions Part 1

Format	Color
Hex	DDD4BB
RGB	221, 212, 187
RGB Percent	87%, 83%, 73%
CMY	0.1333, 0.1686, 0.2667
CMYK	0.00, 0.04, 0.15, 0.13
HSL	44°, 33%, 80%
HSV	44°, 15%, 87%
XYZ	62.3319, 66.0470, 56.4768
YIQ	211.8410, 13.3890, -5.8670

Conversions

Conversions Part 2

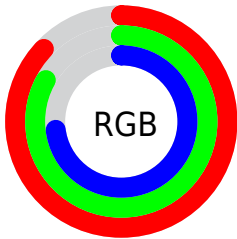
Format	Color
RYB	199, 221, 187
Decimal	14537915
CIELab	85.02, -1.03, 13.48
CIELCh	85, 13.518, 94.363
Yxy	66.0470, 0.3372, 0.3573
Android (android.graphics.Color)	4292727995 (0xFFDDD4BB)
YUV	211.8410, -12.2466, 8.0324
Hunter-Lab	81.2693, -5.3153, 15.6859

Details

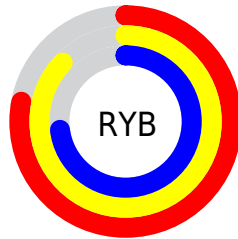
The RGB color **221, 212, 187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 196, 221**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 243**, and **166, 157, 134** is the 20% darker color. If you saturate the color by 10%, you get **221, 206, 165**, and if you desaturate by 10%, it is **221, 218, 209**.

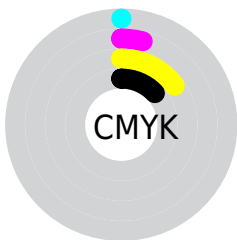
Distribution



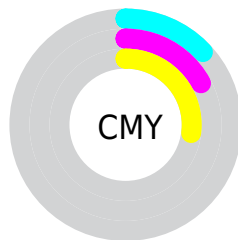
- Red (87%)
- Green (83%)
- Blue (73%)



- Red (78%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 212, 187 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 221, 212, 187 by changing the saturation by 10% instead.

 221, 212, 187

255, 255, 255


 255, 255, 243

 221, 212, 187

 193, 184, 160

 166, 157, 134

 139, 131, 108

 114, 106, 84

 89, 82, 61


 65, 59, 39

 43, 38, 18


 22, 17, 0


 0, 0, 0


 221, 212, 187


 221, 212, 187

 221, 206, 165


 221, 218, 209


 221, 200, 143


 221, 224, 231


 221, 194, 121


 221, 230, 253


 221, 189, 99


 221, 235, 255


 221, 183, 77


 221, 241, 255

 221, 177, 54


 221, 247, 255

 221, 171, 32

 221, 253, 255

 221, 165, 10

 221, 255, 255

 221, 163, 0

Harmonies

Analogous

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



233, 208, 190



221, 212, 187



206, 216, 191

Triad

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



221, 212, 187



180, 219, 226



231, 205, 224

Complementary

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



221, 212, 187



187, 196, 221

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.



217, 208, 233



221, 212, 187



187, 217, 235

Square

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



221, 212, 187



183, 220, 214



201, 213, 238



239, 204, 211

Rectangle

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



221, 212, 187



197, 218, 197



201, 213, 238



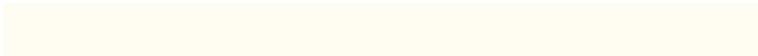
227, 206, 227

Sweetspot

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



221, 212, 187



255, 252, 242



221, 187, 196



128, 125, 120



0, 0, 0



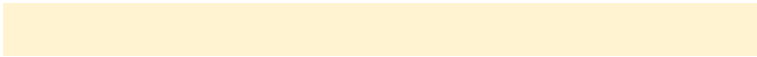
128, 128, 128

Same Dimension

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



221, 212, 187



255, 243, 209



213, 221, 187



110, 107, 99



173, 128, 0



46, 34, 0

Inverse Universe

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



187, 196, 221



209, 221, 255



195, 187, 221



99, 102, 110



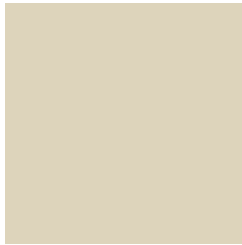
0, 46, 173



0, 12, 46

Previews

White Background



This preview shows how the RGB color 221, 212, 187 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 221, 212, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

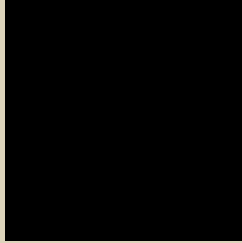
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

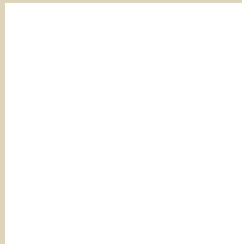
Any Text WCAG AAA ✓ Pass

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

RGB 221, 212, 187 Background



This preview shows how black text looks on a background with the RGB color 221, 212, 187.

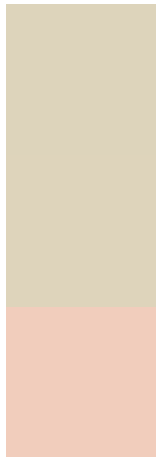


This preview shows how white text looks on a background with the RGB color 221, 212, 187.

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
221, 212, 187

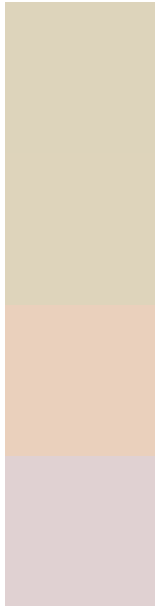
Protanopia
222, 212, 187

Deuteranopia
241, 205, 188



Tritanopia
226, 207, 223

Trichromacy



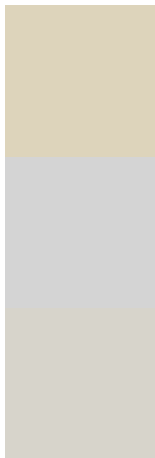
Original Color
221, 212, 187

Protanomaly
222, 212, 187

Deuteranomaly
234, 208, 188

Tritanomaly
224, 209, 210

Monochromacy



Original Color
221, 212, 187

Achromatopsia
212, 212, 212

Achromatomaly
215, 212, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 212, 187 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(221, 212, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 212, 187)  
}
```

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(221, 212, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 212, 187) }
```

Border

The CSS property to change the border of an element to RGB 221, 212, 187 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(221, 212, 187) }
```

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

```
.border{ border-color:rgb(221, 212, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 212, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 212, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 212, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 212,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 221, 212, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 212, 187) }
```

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

```
.background{ background-color: rgb(221,  
212, 187) }
```

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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