

# Converting Colors

RGB(223, 222, 217)

Have a look what the booklet for  
RGB(223, 222, 217) contains.

<b>RGB(223, 222, 217)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**RGB(223, 222, 217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFDED9
RGB	223, 222, 217
RGB Percent	87%, 87%, 85%
CMY	0.1255, 0.1294, 0.1490
CMYK	0.00, 0.00, 0.03, 0.13
HSL	50°, 9%, 86%
HSV	50°, 3%, 87%
XYZ	69.0771, 72.9403, 76.0838
YIQ	221.7290, 2.2010, -1.3430

# Conversions

## Conversions Part 2

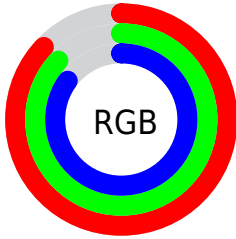
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 223, 217
Decimal	14671577
CIE Lab	88.42, -0.54, 2.56
CIE LCh	88, 2.614, 101.983
Yxy	72.9403, 0.3167, 0.3344
Android (android.graphics.Color)	4292861657 (0xFFDFDED9)
YUV	221.7290, -2.3314, 1.1147
Hunter-Lab	85.4051, -5.0851, 6.9646

# Details

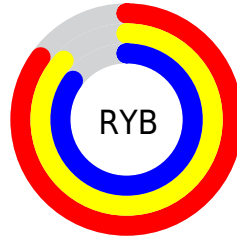
The RGB color **223, 222, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 218, 223**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 167, 162** is the 20% darker color. If you saturate the color by 10%, you get **223, 218, 195**, and if you desaturate by 10%, it is **223, 226, 239**.

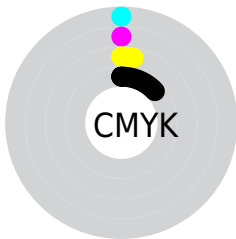
# Distribution



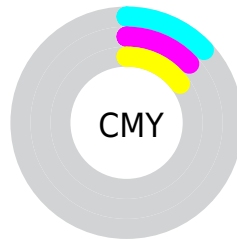
- Red (87%)
- Green (87%)
- Blue (85%)



- Red (85%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 223, 222, 217 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 223, 222, 217 by changing the saturation by 10% instead.



■ 223, 222, 217

255, 255, 255

■ 223, 222, 217

■ 195, 194, 189

■ 168, 167, 162

■ 141, 141, 136

■ 116, 115, 111

■ 91, 91, 86

■ 68, 67, 63

■ 46, 45, 41

■ 25, 24, 21

■ 0, 0, 0

 223, 222, 217

 223, 222, 217

 223, 218, 195

 223, 226, 239

 223, 215, 172

 223, 229, 255

 223, 211, 150


 223, 233, 255

 223, 207, 128


 223, 237, 255

 223, 203, 105


 223, 241, 255

 223, 200, 83


 223, 244, 255

 223, 196, 61

 223, 248, 255

 223, 192, 39

 223, 252, 255

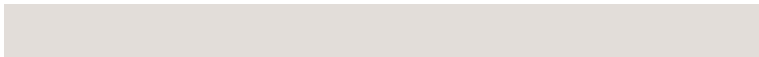
 223, 189, 16

 223, 255, 255

# Harmonies

## Analogous

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



226, 221, 217



223, 222, 217



220, 223, 218

# Triad

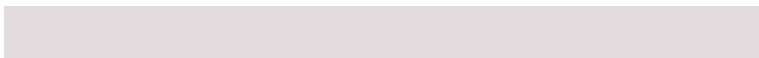
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223, 222, 217



216, 223, 225



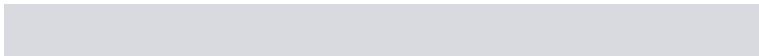
226, 220, 223

# Complementary

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



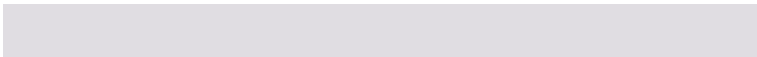
223, 222, 217



217, 218, 223

# Split Complementary

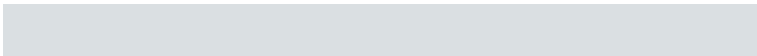
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224, 221, 226



223, 222, 217



218, 223, 226

# Square

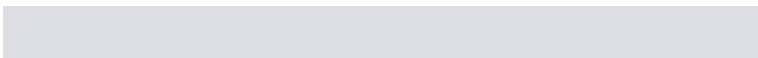
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223, 222, 217



216, 223, 223



221, 222, 227



227, 220, 221

# Rectangle

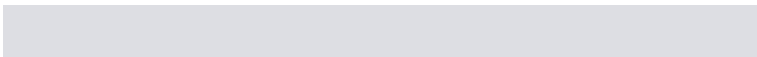
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223, 222, 217



218, 223, 219



221, 222, 227



225, 221, 224



# Sweetspot

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



223, 222, 217



255, 255, 252



223, 217, 218



128, 127, 126



0, 0, 0



128, 128, 128

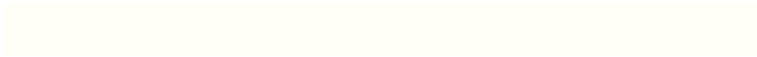


# Same Dimension

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



223, 222, 217



255, 254, 247



221, 223, 217



112, 111, 108



176, 147, 0

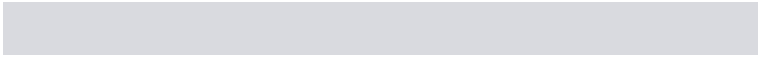


48, 40, 0

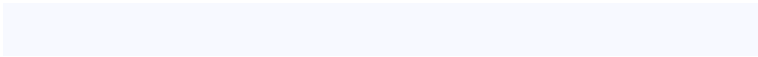


# Inverse Universe

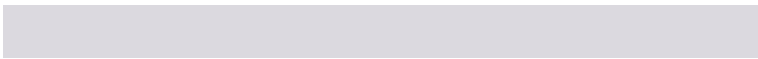
The Inverse Universe completely reimagines the original color for something new.



217, 218, 223



247, 249, 255



219, 217, 223



108, 108, 112



0, 29, 176

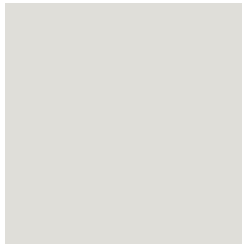


0, 8, 48



# Previews

## White Background



This preview shows how the RGB color 223, 222, 217 looks on a white background.

## Color Contrast Check

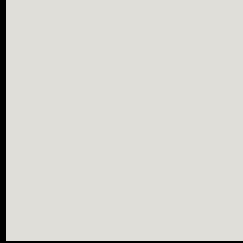
Large Text (above 18pt) WCAG AA × Fail

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 223, 222, 217 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

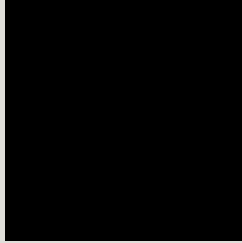
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

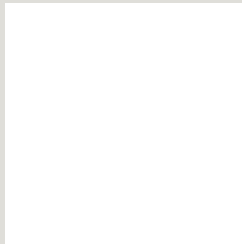
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 223, 222, 217 Background



This preview shows how black text looks on a background with the RGB color 223, 222, 217.

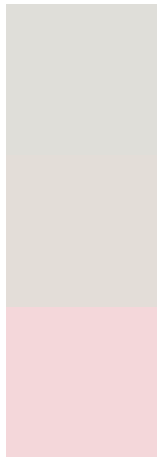


This preview shows how white text looks on a background with the RGB color 223, 222, 217.

# 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](#).

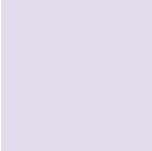
## Dichromacy



**Original Color**  
223, 222, 217

**Protanopia**  
227, 221, 216

**Deuteranopia**  
244, 215, 218



**Tritanopia**  
226, 219, 236

# Trichromacy



**Original Color**

223, 222, 217

**Protanomaly**

226, 221, 216

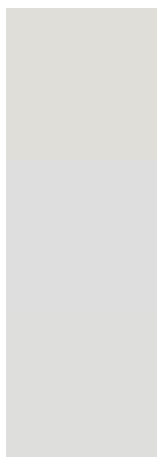
**Deuteranomaly**

236, 218, 218

**Tritanomaly**

225, 220, 229

# Monochromacy



**Original Color**

223, 222, 217

**Achromatopsia**

222, 222, 222

**Achromatomaly**

222, 222, 220

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 223, 222, 217 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(223, 222, 217) looks like.

```
.text, #text, p{  
    color:rgb(223, 222, 217)  
}
```

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(223, 222, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 222, 217) }
```

## Border

The CSS property to change the border of an element to RGB 223, 222, 217 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(223, 222, 217) }
```

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

```
.border{ border-color:rgb(223, 222, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 222, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 222, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 222, 217); box-shadow:4px 4px 4px 4px rgb(223, 222, 217) }
```

# Background

The CSS property to change the background color of an element to RGB 223, 222, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 222, 217) }
```

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

```
.background{ background-color: rgb(223,  
222, 217) }
```

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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