

Converting Colors

RGB(218, 218, 171)

Have a look what the booklet for
RGB(218, 218, 171) contains.

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Color

RGB(218, 218, 171)

Conversions

Conversions Part 1

Format	Color
Hex	DADAAB
RGB	218, 218, 171
RGB Percent	85%, 85%, 67%
CMY	0.1451, 0.1451, 0.3294
CMYK	0.00, 0.00, 0.22, 0.15
HSL	60°, 39%, 76%
HSV	60°, 22%, 85%
XYZ	61.3355, 67.9885, 48.4184
YIQ	212.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

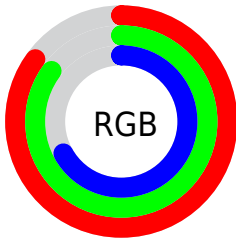
Format	Color
RYB	171, 218, 171
Decimal	14342827
CIELab	86.00, -7.58, 23.21
CIELCh	86, 24.414, 108.091
Yxy	67.9885, 0.3451, 0.3825
Android (android.graphics.Color)	4292532907 (0xFFDADAAB)
YUV	212.6420, -20.5295, 4.6990
Hunter-Lab	82.4551, -11.5165, 22.9030

Details

The RGB color **218, 218, 171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171, 171, 218**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 227**, and **163, 163, 119** is the 20% darker color. If you saturate the color by 10%, you get **218, 218, 149**, and if you desaturate by 10%, it is **218, 218, 193**.

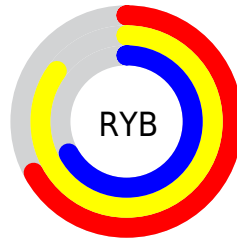
Distribution



Red (85%)

Green (85%)

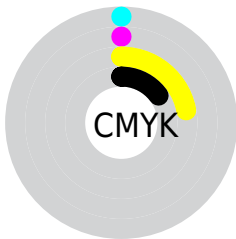
Blue (67%)



Red (67%)

Yellow (85%)

Blue (67%)

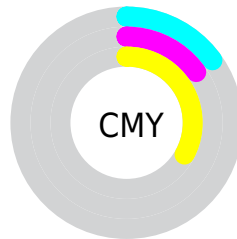


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 218, 171 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 218, 218, 171 by changing the saturation by 10% instead.

 218, 218, 171


255, 255, 255


 255, 255, 227

 218, 218, 171

 190, 190, 144

 163, 163, 119

 136, 137, 94

 110, 112, 70

 85, 87, 47

 62, 64, 25

 40, 42, 0

 14, 22, 0

 0, 0, 0

 218, 218, 171

 218, 218, 171

 218, 218, 149

 218, 218, 193

 218, 218, 127


 218, 218, 215


 218, 218, 106

 218, 218, 236


 218, 218, 84

 218, 218, 255

 218, 218, 62

 218, 218, 40

 218, 218, 18

 218, 218, 0

Harmonies

Analogous

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



241, 210, 170



218, 218, 171



192, 224, 184

Triad

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



218, 218, 171



155, 226, 249



255, 200, 225

Complementary

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



218, 218, 171



171, 171, 218

Split Complementary

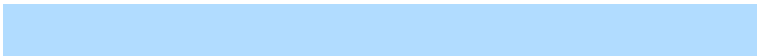
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236, 205, 246



218, 218, 171



177, 220, 255

Square

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



218, 218, 171



152, 228, 229



207, 212, 255



255, 199, 202

Rectangle

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



218, 218, 171



175, 227, 197



207, 212, 255



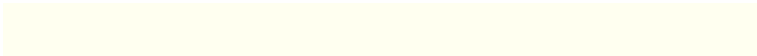
250, 201, 233

Sweetspot

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



218, 218, 171



255, 255, 240



218, 171, 171



128, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



218, 218, 171



255, 255, 189



195, 218, 171



110, 110, 99



173, 173, 0



46, 46, 0

Inverse Universe

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



171, 171, 218



189, 189, 255



195, 171, 218



99, 99, 110



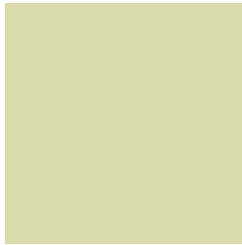
0, 0, 173



0, 0, 46

Previews

White Background



This preview shows how the RGB color 218, 218, 171 looks on a white background.

Color Contrast Check

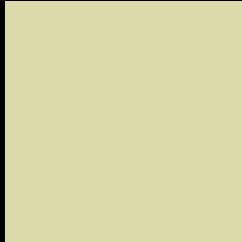
Large Text (above 18pt) WCAG AA × Fail

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 218, 218, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

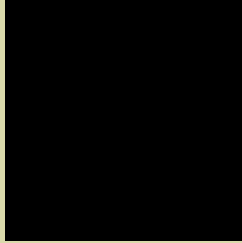
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

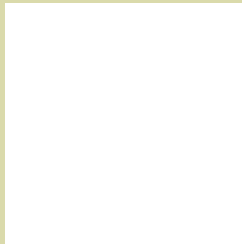
Any Text WCAG AAA ✓ Pass

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

RGB 218, 218, 171 Background



This preview shows how black text looks on a background with the RGB color 218, 218, 171.



This preview shows how white text looks on a background with the RGB color 218, 218, 171.

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
218, 218, 171

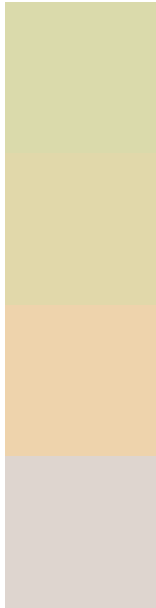
Protanopia
229, 215, 169

Deuteranopia
250, 207, 173



Tritanopia
225, 210, 227

Trichromacy



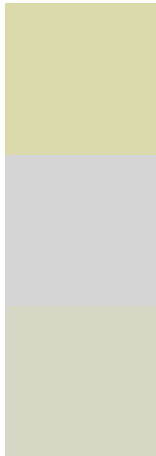
Original Color
218, 218, 171

Protanomaly
225, 216, 170

Deuteranomaly
238, 211, 172

Tritanomaly
222, 213, 207

Monochromacy



Original Color
218, 218, 171

Achromatopsia
213, 213, 213

Achromatomaly
215, 215, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 218, 171 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(218, 218, 171)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 171)  
}
```

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(218, 218, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 171) }
```

Border

The CSS property to change the border of an element to RGB 218, 218, 171 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(218, 218, 171) }
```

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

```
.border{ border-color:rgb(218, 218, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 171);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 218, 218, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 171) }
```

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

```
.background{ background-color: rgb(218,  
218, 171) }
```

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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