

Converting Colors

RGB(234, 232, 172)

Have a look what the booklet for
RGB(234, 232, 172) contains.

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Color

RGB(234, 232, 172)

Conversions

Conversions Part 1	
Format	Color
Hex	EAE8AC
RGB	234, 232, 172
RGB Percent	92%, 91%, 67%
CMY	0.0824, 0.0902, 0.3255
CMYK	0.00, 0.01, 0.26, 0.08
HSL	58°, 60%, 80%
HSV	58°, 26%, 92%
XYZ	70.2347, 78.1842, 50.4190
YIQ	225.7580, 20.4520, -18.2360

Conversions

Conversions Part 2

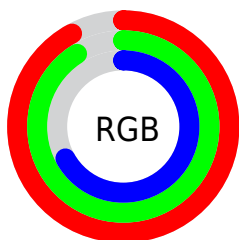
Format	Color
RYB	174, 234, 172
Decimal	15394988
CIELab	90.86, -8.58, 29.52
CIELCh	91, 30.740, 106.213
Yxy	78.1842, 0.3532, 0.3932
Android (android.graphics.Color)	4293585068 (0xFFEAE8AC)
YUV	225.7580, -26.5027, 7.2282
Hunter-Lab	88.4218, -12.9532, 28.0875

Details

The RGB color **234, 232, 172** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **172, 174, 234**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 228**, and **178, 176, 119** is the 20% darker color. If you saturate the color by 10%, you get **234, 231, 149**, and if you desaturate by 10%, it is **234, 233, 195**.

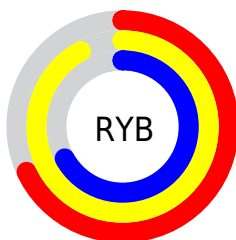
Distribution



Red (92%)

Green (91%)

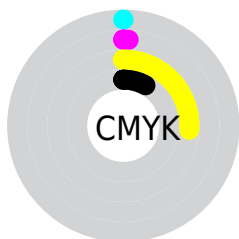
Blue (67%)



Red (68%)

Yellow (92%)

Blue (67%)

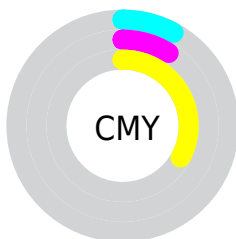


Cyan (0%)

Magenta (1%)

Yellow (26%)

Black (8%)



Cyan (8%)

Magenta (9%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 232, 172 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 234, 232, 172 by changing the saturation by 10% instead.

 234, 232, 172


255, 255, 255


 255, 255, 228

 234, 232, 172

 205, 204, 145

 178, 176, 119

 150, 150, 94

 124, 124, 70

 98, 99, 46

 74, 75, 24

 50, 53, 0

 27, 32, 0

 0, 6, 0

 234, 232, 172

 234, 232, 172

 234, 231, 149

 234, 233, 195

 234, 230, 125

 234, 234, 219

 234, 230, 102

 234, 234, 242

 234, 229, 78

 234, 235, 255

 234, 228, 55

 234, 236, 255

 234, 227, 32

 234, 237, 255

 234, 227, 8

 234, 237, 255

 234, 226, 0

 234, 238, 255

 234, 239, 255

Harmonies

Analogous

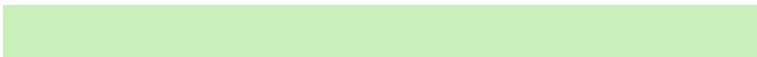
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 222, 172



234, 232, 172



201, 240, 187

Triad

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



234, 232, 172



147, 242, 255



255, 209, 244

Complementary

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



234, 232, 172



172, 174, 234

Split Complementary

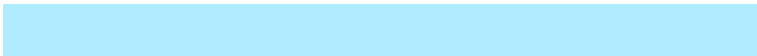
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 216, 255



234, 232, 172



175, 236, 255

Square

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



234, 232, 172



146, 245, 244



215, 226, 255



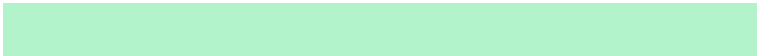
255, 208, 214

Rectangle

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



234, 232, 172



178, 243, 204



215, 226, 255



255, 211, 253

Sweetspot

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



234, 232, 172



255, 254, 235



234, 172, 174



128, 127, 115



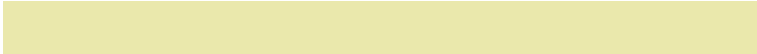
0, 0, 0



128, 128, 128

Same Dimension

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



234, 232, 172



255, 252, 173



205, 234, 172



117, 117, 106



181, 175, 0



54, 52, 0

Inverse Universe

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



172, 174, 234



173, 176, 255



201, 172, 234



106, 106, 117



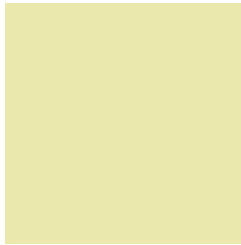
0, 6, 181



0, 2, 54

Previews

White Background



This preview shows how the RGB color 234, 232, 172 looks on a white background.

Color Contrast Check

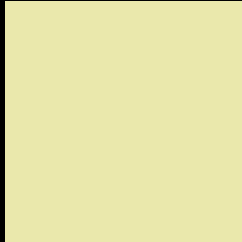
Large Text (above 18pt) WCAG AA × Fail

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 234, 232, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

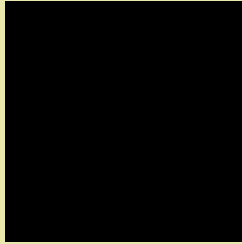
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

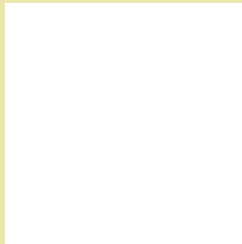
Any Text WCAG AAA ✓ Pass

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

RGB 234, 232, 172 Background



This preview shows how black text looks on a background with the RGB color 234, 232, 172.



This preview shows how white text looks on a background with the RGB color 234, 232, 172.

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

234, 232, 172

Protanopia

245, 228, 170

Deuteranopia

255, 223, 197



Tritanopia

243, 223, 241

Trichromacy

	Original Color 234, 232, 172
	Protanomaly 241, 229, 171
	Deuteranomaly 247, 226, 188
	Tritanomaly 240, 226, 216

Monochromacy

	Original Color 234, 232, 172
	Achromatopsia 226, 226, 226
	Achromatomaly 229, 228, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 232, 172 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(234, 232, 172)` looks like.

```
.text, #text, p{  
    color:rgb(234, 232, 172)  
}
```

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(234, 232, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 232, 172) }
```

Border

The CSS property to change the border of an element to RGB 234, 232, 172 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(234, 232, 172) }
```

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

```
.border{ border-color:rgb(234, 232, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 232, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 232, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 232, 172);  
box-shadow:4px 4px 4px 4px rgb(234, 232,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 234, 232, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 232, 172) }
```

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

```
.background{ background-color: rgb(234,  
232, 172) }
```

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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