

Converting Colors

RGB(230, 220, 152)

Have a look what the booklet for
RGB(230, 220, 152) contains.

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Color

RGB(230, 220, 152)

Conversions

Conversions Part 1

Format	Color
Hex	E6DC98
RGB	230, 220, 152
RGB Percent	90%, 86%, 60%
CMY	0.0980, 0.1373, 0.4039
CMYK	0.00, 0.04, 0.34, 0.10
HSL	52°, 61%, 75%
HSV	52°, 34%, 90%
XYZ	63.8938, 70.2764, 39.9029
YIQ	215.2380, 27.7880, -19.0280

Conversions

Conversions Part 2

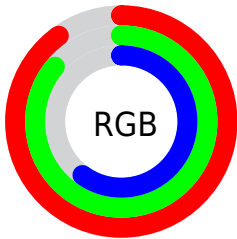
Format	Color
RYB	163, 230, 152
Decimal	15129752
CIELab	87.13, -6.53, 34.69
CIELCh	87, 35.300, 100.665
Yxy	70.2764, 0.3671, 0.4037
Android (android.graphics.Color)	4293319832 (0xFFE6DC98)
YUV	215.2380, -31.1763, 12.9463
Hunter-Lab	83.8310, -10.6562, 30.4601

Details

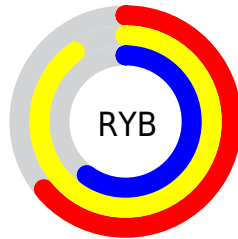
The RGB color **230, 220, 152** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **152, 162, 230**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 207**, and **173, 165, 100** is the 20% darker color. If you saturate the color by 10%, you get **230, 217, 129**, and if you desaturate by 10%, it is **230, 223, 175**.

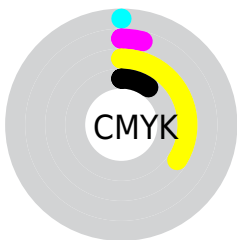
Distribution



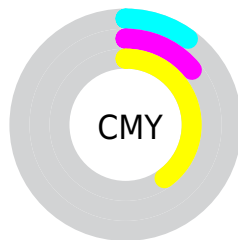
- Red (90%)
- Green (86%)
- Blue (60%)



- Red (64%)
- Yellow (90%)
- Blue (60%)



- Cyan (0%)
- Magenta (4%)
- Yellow (34%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 220, 152 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, 220, 152 by changing the saturation by 10% instead.


 230, 220, 152


255, 255, 255


 255, 255, 207

 255, 255, 235

 230, 220, 152

 201, 192, 126

 173, 165, 100

 146, 139, 75

 119, 113, 52

 94, 89, 28

 69, 66, 3

 45, 44, 0

 20, 24, 0

 0, 0, 0

 230, 220, 152


 230, 220, 152

 230, 217, 129


 230, 223, 175

 230, 214, 106


 230, 226, 198

 230, 211, 83


 230, 229, 221

 230, 208, 60

 230, 232, 244

 230, 205, 37

 230, 235, 255

 230, 202, 14

 230, 238, 255

 230, 201, 0

 230, 241, 255

 230, 244, 255

 230, 247, 255

Harmonies

Analogous

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



255, 209, 156



230, 220, 152



193, 229, 167

Triad

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



230, 220, 152



113, 235, 255



255, 196, 241

Complementary

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



230, 220, 152



152, 162, 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.



238, 205, 255



230, 220, 152



144, 228, 255

Square

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



230, 220, 152



121, 237, 229



192, 217, 255



255, 193, 207

Rectangle

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



230, 220, 152



167, 234, 184



192, 217, 255



255, 199, 252

Sweetspot

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



230, 220, 152



255, 252, 230



230, 152, 162



128, 126, 112



0, 0, 0



128, 128, 128

Same Dimension

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



230, 220, 152



255, 242, 150



201, 230, 152



115, 113, 103



179, 156, 0



51, 44, 0

Inverse Universe

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



152, 162, 230



150, 164, 255



181, 152, 230



103, 105, 115



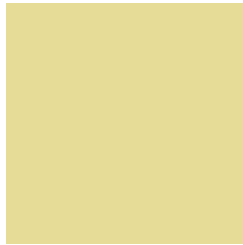
0, 23, 179



0, 7, 51

Previews

White Background



This preview shows how the RGB color 230, 220, 152 looks on a white background.

Color Contrast Check

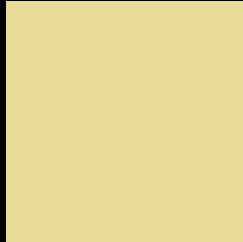
Large Text (above 18pt) WCAG AA × Fail

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, 220, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

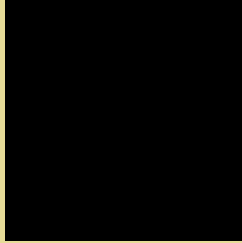
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

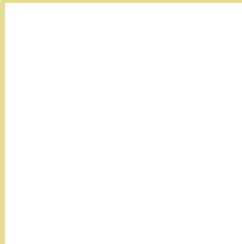
Any Text WCAG AAA ✓ Pass

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

RGB 230, 220, 152 Background



This preview shows how black text looks on a background with the RGB color 230, 220, 152.



This preview shows how white text looks on a background with the RGB color 230, 220, 152.

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, 220, 152

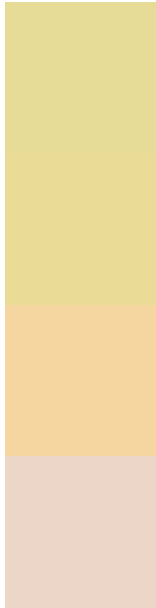
Protanopia
236, 218, 151

Deuteranopia
255, 210, 164



Tritanopia
239, 210, 227

Trichromacy



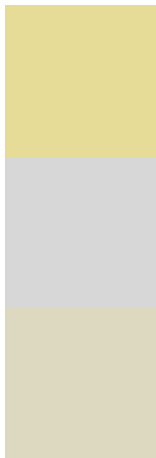
Original Color
230, 220, 152

Protanomaly
234, 219, 151

Deuteranomaly
246, 214, 160

Tritanomaly
236, 214, 200

Monochromacy



Original Color
230, 220, 152

Achromatopsia
215, 215, 215

Achromatomaly
220, 217, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 220, 152 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, 220, 152)` looks like.

```
.text, #text, p{  
    color:rgb(230, 220, 152)  
}
```

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, 220, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 220, 152) }
```

Border

The CSS property to change the border of an element to RGB 230, 220, 152 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, 220, 152) }
```

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

```
.border{ border-color:rgb(230, 220, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 220, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 220, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 220, 152);  
box-shadow:4px 4px 4px 4px rgb(230, 220,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 230, 220, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 220, 152) }
```

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

```
.background{ background-color: rgb(230,  
220, 152) }
```

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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