

Converting Colors

RGB(227, 186, 132)

Have a look what the booklet for
RGB(227, 186, 132) contains.

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Color

RGB(227, 186, 132)

Conversions

Conversions Part 1

Format	Color
Hex	E3BA84
RGB	227, 186, 132
RGB Percent	89%, 73%, 52%
CMY	0.1098, 0.2706, 0.4824
CMYK	0.00, 0.18, 0.42, 0.11
HSL	34°, 63%, 70%
HSV	34°, 42%, 89%
XYZ	53.4023, 53.1146, 29.2673
YIQ	192.1030, 41.7700, -8.1020

Conversions

Conversions Part 2

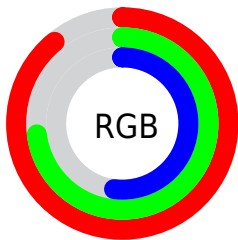
Format	Color
RYB	204, 227, 132
Decimal	14924420
CIELab	77.94, 7.66, 32.90
CIELCh	78, 33.776, 76.897
Yxy	53.1146, 0.3933, 0.3912
Android (android.graphics.Color)	4293114500 (0xFFE3BA84)
YUV	192.1030, -29.6308, 30.6047
Hunter-Lab	72.8798, 3.2554, 27.2060

Details

The RGB color **227, 186, 132** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **132, 173, 227**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 242, 186**, and **170, 133, 82** is the 20% darker color. If you saturate the color by 10%, you get **227, 176, 109**, and if you desaturate by 10%, it is **227, 196, 155**.

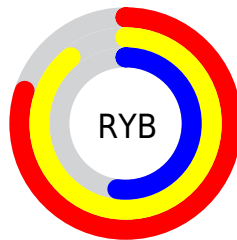
Distribution



Red (89%)

Green (73%)

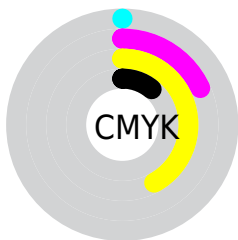
Blue (52%)



Red (80%)

Yellow (89%)

Blue (52%)

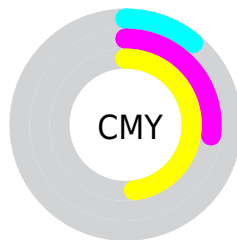


Cyan (0%)

Magenta (18%)

Yellow (42%)

Black (11%)



Cyan (11%)

Magenta (27%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 186, 132 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 227, 186, 132 by changing the saturation by 10% instead.

 227, 186, 132

 227, 186, 132

255, 255, 255

 198, 159, 106

 255, 242, 186

 170, 133, 82

 255, 255, 213

 142, 108, 58


 255, 255, 242

 115, 84, 35

 89, 61, 11

 64, 39, 0

 39, 19, 0

 0, 0, 0

 227, 186, 132

 227, 186, 132

 227, 176, 109

 227, 196, 155

 227, 166, 87

 227, 206, 177

 227, 157, 64

 227, 215, 200

 227, 147, 41

 227, 225, 223

 227, 137, 19

 227, 235, 246

 227, 129, 0

 227, 245, 255

 227, 255, 255

 227, 255, 255

Harmonies

Analogous

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



248, 176, 148



227, 186, 132



197, 196, 132

Triad

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



227, 186, 132



95, 210, 210



219, 179, 236

Complementary

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



227, 186, 132



132, 173, 227

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.



178, 190, 252



227, 186, 132



95, 207, 237

Square

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



227, 186, 132



124, 209, 177



131, 200, 253



246, 171, 208

Rectangle

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



227, 186, 132



173, 202, 142



131, 200, 253



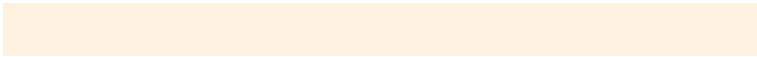
206, 182, 243

Sweetspot

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



227, 186, 132



255, 241, 222



227, 132, 173



128, 119, 107



0, 0, 0



128, 128, 128

Same Dimension

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



227, 186, 132



255, 200, 128



221, 227, 132



115, 110, 103



179, 101, 0



51, 29, 0

Inverse Universe

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



132, 173, 227



128, 183, 255



138, 132, 227



103, 108, 115



0, 77, 179



0, 22, 51

Previews

White Background



This preview shows how the RGB color 227, 186, 132 looks on a white background.

Color Contrast Check

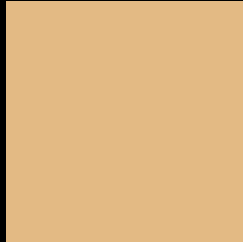
Large Text (above 18pt) WCAG AA × Fail

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 227, 186, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

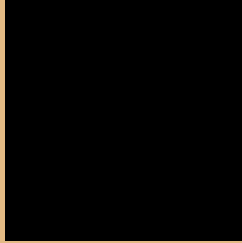
Any Text WCAG AA ✓ Pass

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 227, 186, 132 Background



This preview shows how black text looks on a background with the RGB color 227, 186, 132.

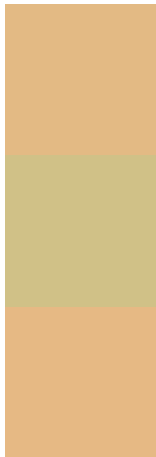


This preview shows how white text looks on a background with the RGB color 227, 186, 132.

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
227, 186, 132

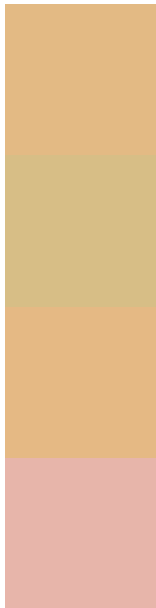
Protanopia
208, 193, 135

Deuteranopia
230, 185, 132



Tritanopia
233, 178, 192

Trichromacy



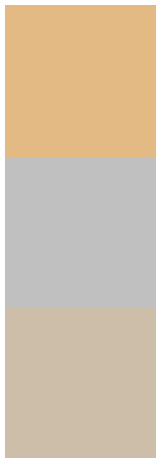
Original Color
227, 186, 132

Protanomaly
215, 190, 134

Deuteranomaly
229, 185, 132

Tritanomaly
231, 181, 170

Monochromacy



Original Color
227, 186, 132

Achromatopsia
192, 192, 192

Achromatomaly
205, 190, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 186, 132 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(227, 186, 132)` looks like.

```
.text, #text, p{  
    color:rgb(227, 186, 132)  
}
```

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(227, 186, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 186, 132) }
```

Border

The CSS property to change the border of an element to RGB 227, 186, 132 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(227, 186, 132) }
```

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

```
.border{ border-color:rgb(227, 186, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 186, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 186, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 186, 132);  
box-shadow:4px 4px 4px 4px rgb(227, 186,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 227, 186, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 186, 132) }
```

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

```
.background{ background-color: rgb(227,  
186, 132) }
```

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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