

Converting Colors

RGB(221, 191, 146)

Have a look what the booklet for
RGB(221, 191, 146) contains.

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Color

RGB(221, 191, 146)

Conversions

Conversions Part 1

Format	Color
Hex	DDBF92
RGB	221, 191, 146
RGB Percent	87%, 75%, 57%
CMY	0.1333, 0.2510, 0.4275
CMYK	0.00, 0.14, 0.34, 0.13
HSL	36°, 52%, 72%
HSV	36°, 34%, 87%
XYZ	53.6379, 54.7091, 34.9270
YIQ	194.8400, 32.3250, -7.6350

Conversions

Conversions Part 2

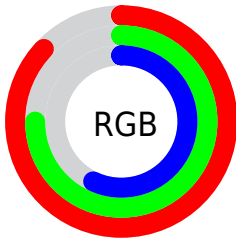
Format	Color
RYB	196, 221, 146
Decimal	14532498
CIELab	78.87, 4.25, 26.67
CIELCh	79, 27.003, 80.942
Yxy	54.7091, 0.3744, 0.3818
Android (android.graphics.Color)	4292722578 (0xFFDDBF92)
YUV	194.8400, -24.0781, 22.9423
Hunter-Lab	73.9656, 0.0037, 23.7788

Details

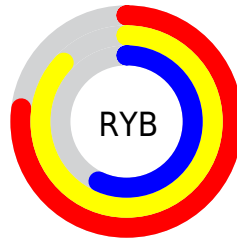
The RGB color **221, 191, 146** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **146, 176, 221**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 247, 200**, and **165, 138, 95** is the 20% darker color. If you saturate the color by 10%, you get **221, 182, 124**, and if you desaturate by 10%, it is **221, 200, 168**.

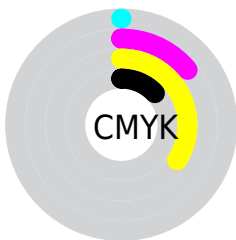
Distribution



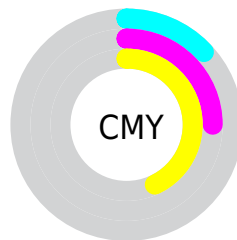
- Red (87%)
- Green (75%)
- Blue (57%)



- Red (77%)
- Yellow (87%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (34%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 191, 146 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 221, 191, 146 by changing the saturation by 10% instead.

 221, 191, 146

 221, 191, 146

255, 255, 255


 193, 164, 120

 255, 247, 200

 165, 138, 95

 255, 255, 228

 138, 112, 71

 111, 88, 48


 86, 65, 26


 61, 43, 1

 38, 22, 0


 0, 0, 0


 221, 191, 146


 221, 191, 146

 221, 182, 124


 221, 200, 168

 221, 173, 102


 221, 209, 190


 221, 164, 80


 221, 218, 212

 221, 156, 58


 221, 226, 234

 221, 147, 35

 221, 235, 255

 221, 138, 13

 221, 244, 255

 221, 133, 0

 221, 253, 255

 221, 255, 255

Harmonies

Analogous

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



239, 183, 157



221, 191, 146



195, 199, 148

Triad

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



221, 191, 146



123, 209, 212



220, 183, 227

Complementary

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



221, 191, 146



146, 176, 221

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.



189, 191, 242



221, 191, 146



128, 206, 233

Square

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



221, 191, 146



140, 209, 186



154, 200, 244



240, 178, 204

Rectangle

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



221, 191, 146



176, 204, 157



154, 200, 244



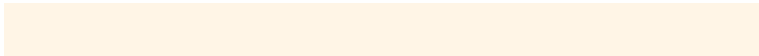
211, 186, 233

Sweetspot

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



221, 191, 146



255, 245, 230



221, 146, 176



128, 121, 112



0, 0, 0



128, 128, 128

Same Dimension

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



221, 191, 146



255, 213, 150



214, 221, 146



110, 105, 99



173, 104, 0



46, 28, 0

Inverse Universe

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



146, 176, 221



150, 192, 255



153, 146, 221



99, 103, 110



0, 69, 173



0, 18, 46

Previews

White Background



This preview shows how the RGB color 221, 191, 146 looks on a white background.

Color Contrast Check

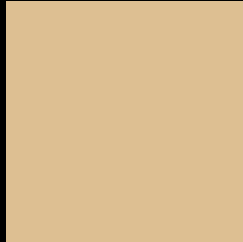
Large Text (above 18pt) WCAG AA × Fail

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 221, 191, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

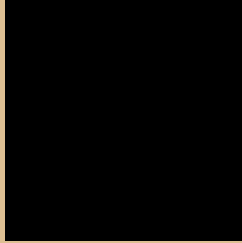
Any Text WCAG AA ✓ Pass

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 221, 191, 146 Background



This preview shows how black text looks on a background with the RGB color 221, 191, 146.



This preview shows how white text looks on a background with the RGB color 221, 191, 146.

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
221, 191, 146

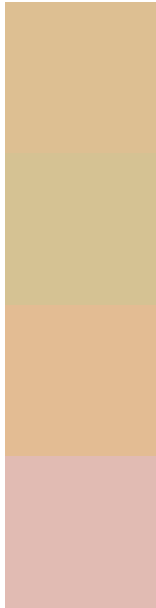
Protanopia
209, 195, 148

Deuteranopia
230, 187, 147



Tritanopia
227, 184, 198

Trichromacy



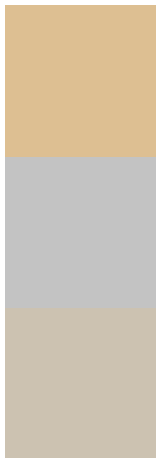
Original Color
221, 191, 146

Protanomaly
213, 194, 147

Deuteranomaly
227, 188, 147

Tritanomaly
225, 187, 179

Monochromacy



Original Color
221, 191, 146

Achromatopsia
195, 195, 195

Achromatomaly
204, 194, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 191, 146 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(221, 191, 146)` looks like.

```
.text, #text, p{  
    color:rgb(221, 191, 146)  
}
```

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(221, 191, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 191, 146) }
```

Border

The CSS property to change the border of an element to RGB 221, 191, 146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

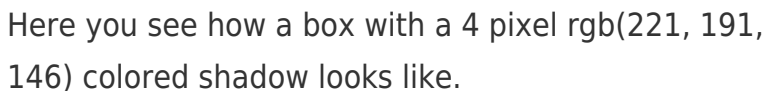
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 191, 146) }
```

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

```
.border{ border-color:rgb(221, 191, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(221, 191, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 191, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 191, 146); box-shadow:4px 4px 4px 4px rgb(221, 191, 146) }
```

Background

The CSS property to change the background color of an element to RGB 221, 191, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 191, 146) }
```

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

```
.background{ background-color: rgb(221,  
191, 146) }
```

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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