

Converting Colors

RGB(221, 158, 131)

Have a look what the booklet for
RGB(221, 158, 131) contains.

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Color

RGB(221, 158, 131)

Conversions

Conversions Part 1

Format	Color
Hex	DD9E83
RGB	221, 158, 131
RGB Percent	87%, 62%, 51%
CMY	0.1333, 0.3804, 0.4863
CMYK	0.00, 0.29, 0.41, 0.13
HSL	18°, 57%, 69%
HSV	18°, 41%, 87%
XYZ	46.1424, 41.4646, 27.0442
YIQ	173.7590, 46.2150, 4.9590

Conversions

Conversions Part 2

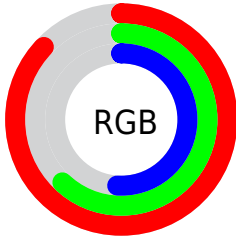
Format	Color
R_{YB}	221, 170, 131
Decimal	14524035
CIE Lab	70.50, 20.12, 23.42
CIE LCh	71, 30.877, 49.330
Yxy	41.4646, 0.4025, 0.3617
Android (android.graphics.Color)	4292714115 (0xFFDD9E83)
YUV	173.7590, -21.0802, 41.4304
Hunter-Lab	64.3930, 15.2209, 20.1741

Details

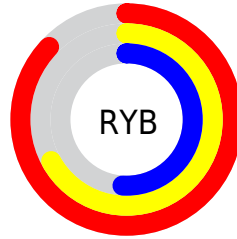
The RGB color **221, 158, 131** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **131, 194, 221**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 213, 184**, and **164, 106, 81** is the 20% darker color. If you saturate the color by 10%, you get **221, 143, 109**, and if you desaturate by 10%, it is **221, 173, 153**.

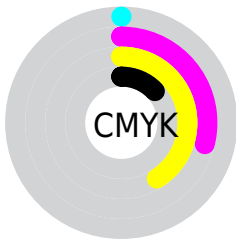
Distribution



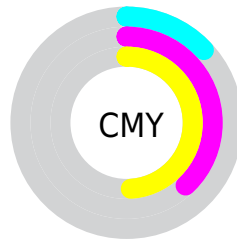
- Red (87%)
- Green (62%)
- Blue (51%)



- Red (87%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (41%)
- Black (13%)





- Cyan (13%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RGB color 221, 158, 131 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, 158, 131 by changing the saturation by 10% instead.

 221, 158, 131

 221, 158, 131

255, 255, 255

 192, 132, 106

 255, 213, 184

 164, 106, 81

 255, 241, 212

 136, 82, 58

 255, 255, 240


 109, 58, 36


 83, 36, 15


 57, 14, 0


 35, 0, 1


 0, 0, 0


 221, 158, 131


 221, 158, 131

 221, 143, 109


 221, 173, 153

 221, 127, 87

 221, 189, 175

 221, 112, 65


 221, 204, 197


 221, 96, 43


 221, 220, 219

 221, 81, 21

 221, 235, 242

 221, 66, 0

 221, 251, 255

 221, 255, 255

Harmonies

Analogous

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



229, 152, 155



221, 158, 131



201, 167, 118

Triad

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



221, 158, 131



109, 187, 161



162, 169, 225

Complementary

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



221, 158, 131



131, 194, 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.



121, 178, 227



221, 158, 131



84, 188, 190

Square

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



221, 158, 131



141, 183, 135



87, 185, 214



198, 159, 209

Rectangle

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



221, 158, 131



183, 173, 117



87, 185, 214



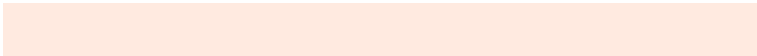
149, 172, 227

Sweetspot

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



221, 158, 131



255, 234, 224



221, 131, 194



128, 115, 110



0, 0, 0



128, 128, 128

Same Dimension

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



221, 158, 131



255, 168, 130



221, 203, 131



110, 102, 99



173, 52, 0



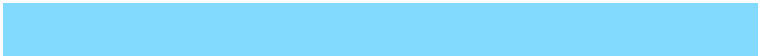
46, 14, 0

Inverse Universe

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



131, 194, 221



130, 218, 255



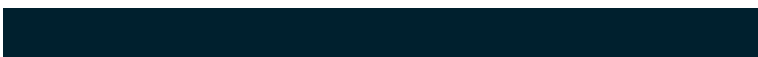
131, 149, 221



99, 106, 110



0, 121, 173



0, 32, 46

Previews

White Background



This preview shows how the RGB color 221, 158, 131 looks on a white background.

Color Contrast Check

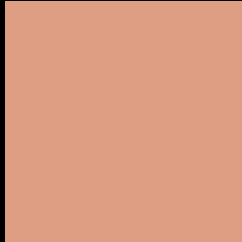
Large Text (above 18pt) WCAG AA × Fail

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, 158, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

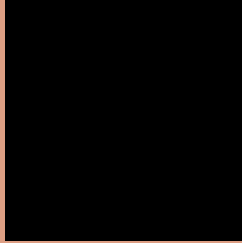
Any Text WCAG AA ✓ Pass

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, 158, 131 Background



This preview shows how black text looks on a background with the RGB color 221, 158, 131.



This preview shows how white text looks on a background with the RGB color 221, 158, 131.

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, 158, 131

Protanopia
184, 172, 138

Deuteranopia
204, 166, 130



Tritanopia
224, 153, 165

Trichromacy



Original Color
221, 158, 131

Protanomaly
197, 167, 135

Deuteranomaly
210, 163, 130

Tritanomaly
223, 155, 153

Monochromacy



Original Color
221, 158, 131

Achromatopsia
174, 174, 174

Achromatomaly
191, 168, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 158, 131 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, 158, 131)` looks like.

```
.text, #text, p{  
    color:rgb(221, 158, 131)  
}
```

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, 158, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 158, 131) }
```

Border

The CSS property to change the border of an element to RGB 221, 158, 131 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, 158, 131) }
```

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

```
.border{ border-color:rgb(221, 158, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 158, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 158, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 158, 131);  
box-shadow:4px 4px 4px 4px rgb(221, 158,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 221, 158, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 158, 131) }
```

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

```
.background{ background-color: rgb(221,  
158, 131) }
```

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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