Converting Colors

RGB(220, 131, 128)

Have a look what the booklet for RGB(220, 131, 128) contains.

Color

RGB(220, 131, 128)

Conversions

Conversions Part 1

Format	Color
Hex	DC8380
RGB	220, 131, 128
RGB Percent	86%, 51%, 50%
CMY	0.1373, 0.4863, 0.4980
CMYK	0.00, 0.40, 0.42, 0.14
HSL	2°, 57%, 68%
HSV	2°, 42%, 86%
XYZ	41.5278, 33.0068, 24.6043
YIQ	157.2690, 54.0070, 17.9350

Conversions

Conversions Part 2

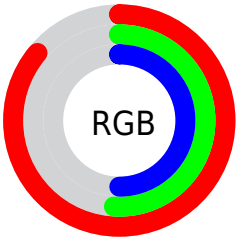
Format	Color
RYB	220, 131, 128
Decimal	14451584
CIELab	64.17, 33.86, 16.40
CIELCh	64, 37.623, 25.842
Yxy	33.0068, 0.4189, 0.3329
Android (android.graphics.Color)	4292641664 (0xFFDC8380)
YUV	157.2690, -14.4296, 55.0151
Hunter-Lab	57.4515, 28.4854, 14.8244

Details

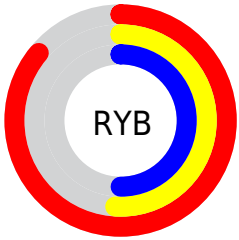
The RGB color 220, 131, 128 is a light color, and the websafe version is hex FF9999. A complement of this color would be 128, 217, 220, and the grayscale version is 157, 157, 157.

A 20% lighter version of the original color is 255, 185, 181, and 162, 80, 79 is the 20% darker color. If you saturate the color by 10%, you get 220, 110, 106, and if you desaturate by 10%, it is 220, 152, 150.

Distribution

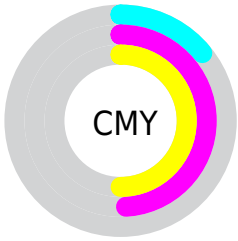


- Red (86%)
- Green (51%)
- Blue (50%)



- Red (86%)
- Yellow (51%)
- Blue (50%)

- Cyan (0%)
- Magenta (40%)
- Yellow (42%)
- Black (14%)



- Cyan (14%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 131, 128 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 220, 131, 128 by changing the saturation by 10% instead.

220, 131, 128	220, 131, 128
255, 255, 255	191, 105, 103
255, 185, 181	162, 80, 79
255, 213, 208	134, 55, 56
255, 242, 237	106, 31, 35
	79, 3, 14
	54, 0, 0
	20, 0, 0
	0, 0, 0

220, 131, 128	220, 131, 128

220, 110, 106	220, 152, 150
220, 88, 84	220, 174, 172
220, 67, 62	220, 195, 194
220, 46, 40	220, 216, 216
220, 25, 18	220, 237, 238
220, 7, 0	220, 255, 255

Harmonies

Analogous

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

216, 129, 162

220, 131, 128

207, 140, 101

Triad

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

220, 131, 128

108, 169, 117

96, 160, 222

Complementary

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

220, 131, 128

128, 217, 220

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.

14, 169, 210

220, 131, 128

59, 173, 150

Square

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

220, 131, 128

148, 162, 94

0, 173, 184

152, 149, 216

Rectangle

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

220, 131, 128

191, 148, 90

0, 173, 184

74, 164, 220

Sweetspot

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

220, 131, 128

255, 223, 222

220, 128, 218

128, 108, 107

0, 0, 0

128, 128, 128

Same Dimension

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

220, 131, 128

255, 132, 128

220, 176, 128

110, 99, 99

173, 6, 0

46, 1, 0

Inverse Universe

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

128, 217, 220

128, 251, 255

128, 172, 220

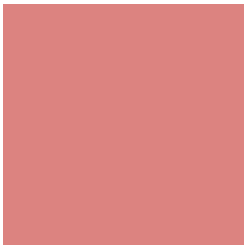
99, 109, 110

0, 168, 173

0, 44, 46

Previews

White Background

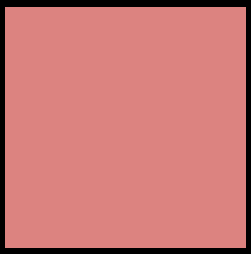


This preview shows how the RGB color 220, 131, 128 looks on a white background.

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



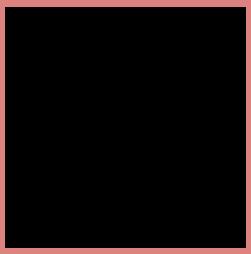
This preview shows how the RGB color 220, 131, 128 looks on a black background.

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 220, 131, 128 Background



This preview shows how black text looks on a background with the RGB color 220, 131, 128.

This preview shows how white text looks on a background with the RGB color 220, 131, 128.

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

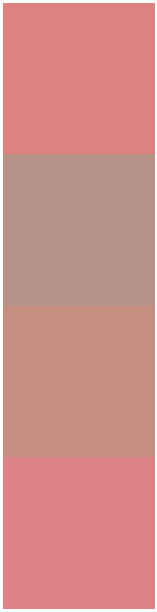
Original Color
220, 131, 128

Protanopia
162, 155, 140

Deuteranopia
182, 150, 125

Tritanopia
221, 129, 139

Trichromacy



Original Color
220, 131, 128

Protanomaly
183, 146, 136

Deuteranomaly
196, 143, 126

Tritanomaly
221, 130, 135

Monochromacy

Original Color
220, 131, 128

Achromatopsia
157, 157, 157

Achromatomaly
180, 148, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 131, 128 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(220, 131, 128) looks like.

```
.text, #text, p{
    color:rgb(220, 131, 128)
}
```

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(220, 131, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 131, 128) }
```

Border

The CSS property to change the border of an element to RGB 220, 131, 128 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(220, 131, 128) }
```

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

```
.border{ border-color:rgb(220, 131, 128) }
```

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

Here you see how a box with a 4 pixel rgb(220, 131, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 131, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 131, 128); box-shadow:4px 4px 4px 4px rgb(220, 131, 128) }
```

Background

The CSS property to change the background color of an element to RGB 220, 131, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(220, 131, 128) }
```

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

```
.background{ background-color:rgb(220,
131, 128) }
```

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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