

Converting Colors

RGB(200, 131, 70)

Have a look what the booklet for
RGB(200, 131, 70) contains.

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Color

RGB(200, 131, 70)

Conversions

Conversions Part 1

Format	Color
Hex	C88346
RGB	200, 131, 70
RGB Percent	78%, 51%, 27%
CMY	0.2157, 0.4863, 0.7255
CMYK	0.00, 0.35, 0.65, 0.22
HSL	28°, 54%, 53%
HSV	28°, 65%, 78%
XYZ	33.0412, 28.9542, 9.6416
YIQ	144.6770, 60.7050, -4.3430

Conversions

Conversions Part 2

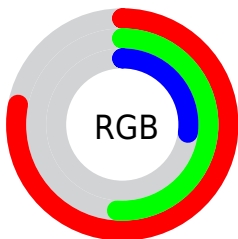
Format	Color
R_{YB}	200, 185, 70
Decimal	13140806
CIE _{Lab}	60.74, 20.79, 43.17
CIE _{LCh}	61, 47.912, 64.287
Yxy	28.9542, 0.4612, 0.4042
Android (android.graphics.Color)	4291330886 (0xFFC88346)
YUV	144.6770, -36.8158, 48.5183
Hunter-Lab	53.8091, 15.4412, 27.0427

Details

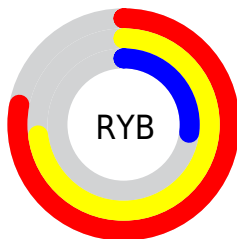
The RGB color **200, 131, 70** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **70, 139, 200**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **255, 184, 120**, and **142, 81, 21** is the 20% darker color. If you saturate the color by 10%, you get **200, 120, 50**, and if you desaturate by 10%, it is **200, 142, 90**.

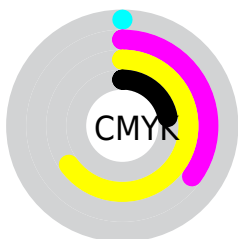
Distribution



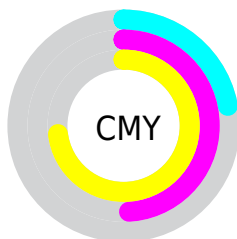
- Red (78%)
- Green (51%)
- Blue (27%)



- Red (78%)
- Yellow (73%)
- Blue (27%)



- Cyan (0%)
- Magenta (35%)
- Yellow (65%)
- Black (22%)






















- Cyan (22%)
- Magenta (49%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the RGB color 200, 131, 70 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 200, 131, 70 by changing the saturation by 10% instead.


 200, 131, 70	 200, 131, 70
 255, 255, 255	 171, 106, 46
 255, 184, 120	 142, 81, 21
 255, 212, 147	 113, 58, 0
 255, 240, 174	 86, 36, 0
 255, 255, 201	 59, 14, 0
 255, 255, 230	 36, 0, 1
	 0, 0, 0

 200, 131, 70	 200, 131, 70
 200, 120, 50	 200, 142, 90


 200, 110, 30


 200, 152, 110


 200, 99, 10

 200, 163, 130

 200, 94, 0

 200, 173, 150

 200, 184, 170

 200, 195, 190

 200, 205, 210

 200, 216, 230

 200, 227, 250

Harmonies

Analogous

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



222, 116, 101



200, 131, 70



165, 146, 58

Triad

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



200, 131, 70



0, 168, 151



157, 133, 217

Complementary

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



200, 131, 70



70, 139, 200

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.



80, 149, 231



200, 131, 70



0, 167, 193

Square

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



200, 131, 70



61, 165, 108



0, 161, 222



203, 117, 184

Rectangle

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



200, 131, 70



137, 154, 66



0, 161, 222



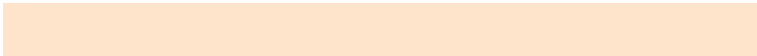
136, 139, 224

Sweetspot

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



200, 131, 70



255, 228, 204



200, 70, 139



128, 111, 97



0, 0, 0



128, 128, 128

Same Dimension

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



200, 131, 70



255, 149, 56



200, 196, 70



99, 94, 90



163, 77, 0



36, 17, 0

Inverse Universe

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



70, 139, 200



56, 162, 255



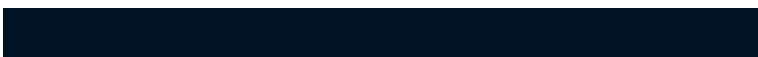
70, 74, 200



90, 95, 99



0, 87, 163



0, 19, 36

Previews

White Background



This preview shows how the RGB color 200, 131, 70 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 200, 131, 70 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

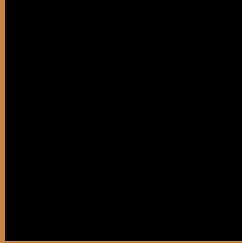
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 200, 131, 70 Background



This preview shows how black text looks on a background with the RGB color 200, 131, 70.

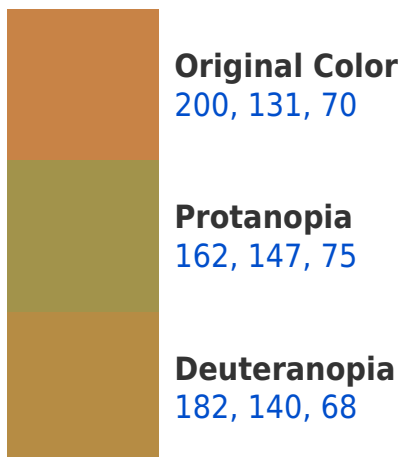


This preview shows how white text looks on a background with the RGB color 200, 131, 70.

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





Tritanopia
204, 124, 133

Trichromacy



Original Color
200, 131, 70

Protanomaly
176, 141, 73

Deuteranomaly
189, 137, 69

Tritanomaly
203, 127, 110

Monochromacy



Original Color
200, 131, 70

Achromatopsia
145, 145, 145

Achromatomaly
165, 140, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 131, 70 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(200, 131, 70)` looks like.

```
.text, #text, p{  
    color:rgb(200, 131, 70)  
}
```

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(200, 131, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 131, 70) }
```

Border

The CSS property to change the border of an element to RGB 200, 131, 70 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(200, 131, 70) }
```

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

```
.border{ border-color:rgb(200, 131, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 131, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 131, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 131, 70);  
box-shadow:4px 4px 4px 4px rgb(200, 131,  
70) }
```

Background

The CSS property to change the background color of an element to RGB 200, 131, 70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 131, 70) }
```

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

```
.background{ background-color: rgb(200,  
131, 70) }
```

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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