

Converting Colors

HunterLab(81.7926, -2.0250,
31.8184)

Have a look what the booklet for
HunterLab(81.7926, -2.0250,
31.8184) contains.

HunterLab(81.8067, -2.3220, 31.8209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(81.8067, -2.3220,
31.8209)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D28E
RGB	242, 210, 142
RGB Percent	95%, 82%, 56%
CMY	0.0510, 0.1764, 0.4431
CMYK	0.00, 0.13, 0.41, 0.05
HSL	41°, 79%, 75%
HSV	41°, 41%, 95%
XYZ	64.5470, 66.9234, 35.1066
YIQ	211.8160, 40.9000, -14.3640

Conversions

Conversions Part 2

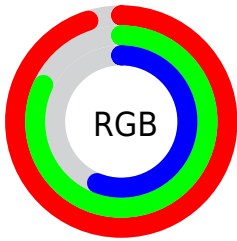
Format	Color
R _Y B	189, 242, 142
Decimal	15913614
CIE Lab	85.47, 2.14, 37.80
CIE LCh	85, 37.859, 86.764
Yxy	66.9265, 0.3875, 0.4018
Android (android.graphics.Color)	4294103694 (0xFFFF2D28E)
YUV	211.8160, -34.4193, 26.4714
Hunter-Lab	81.8067, -2.3220, 31.8209

Details

The HunterLab color **81.8067, -2.3220, 31.8209** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.1400, 1.9667, -36.2867**, and the grayscale version is **81.1936, -4.3323, 4.4114**.

A 20% lighter version of the original color is **98.3695, -14.3431, 28.8865**, and **58.9259, -1.5080, 26.3248** is the 20% darker color. If you saturate the color by 10%, you get **79.0856, -0.5878, 35.9187**, and if you desaturate by 10%, it is **84.6466, -3.6267, 26.7578**.

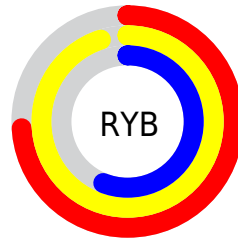
Distribution



Red (95%)

Green (82%)

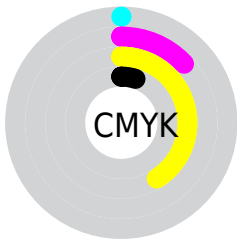
Blue (56%)



Red (74%)

Yellow (95%)

Blue (56%)

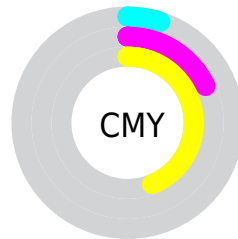


Cyan (0%)

Magenta (13%)

Yellow (41%)

Black (5%)



Cyan (5%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.8067, -2.3220, 31.8209 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 HunterLab color 81.8067, -2.3220, 31.8209 by changing the saturation by 10% instead.

81.8067, -2.3220,
31.8209

81.8067, -2.3220,
31.8209

212.0573, -8.5242,
53.3883

70.0178, -1.7976,
29.1453

107.1518, -3.4880,
36.9337

58.8551, -1.3094,
26.3633

120.6527, -4.1196,
39.3966

48.3581, -0.8635,
23.4499

134.6774, -4.7825,
41.8110

38.5722, -0.4639,
20.3703

149.2070, -5.4754,
44.1849

29.5532, -0.1155,
17.0784

164.2245, -6.1970,
46.5247

21.3729, 0.1747,
13.7760

179.7145, -6.9463,

14.1284, 0.3963,

48.8357

9.8899

195.6630, -7.7223,
51.1223

■ 7.7795, 0.7815,
5.4457

0.0000, NaN, NaN

■ 81.8067, -2.3220,
31.8209

■ 81.8067, -2.3220,
31.8209

■ 79.0856, -0.5878,
35.9187

■ 84.6466, -3.6267,
26.7578

■ 76.4814, 1.5899,
39.0184

■ 87.5951, -4.5038,
20.7671

■ 73.9990, 4.2046,
41.1078

■ 90.6496, -4.9711,
13.8967

■ 71.6399, 7.2414,
42.1994

■ 93.8053, -5.0462,
6.1965

■ 69.4032, 10.6685,
42.3465

■ 96.7859, -6.2365,
1.5742

■ 67.5529, 13.8913,
41.8689

■ 98.8014, -9.5306,
3.9407

Harmonies

Analogous

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



81.8086, 16.3375, 28.2537



81.8067, -2.3220, 31.8209



81.8086, -19.9760, 29.5326

Triad

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



81.8086, -2.3250, 31.8218



81.8086, -34.1282, -12.5406



81.8086, 28.0133, -16.6563

Complementary

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



81.8067, -2.3220, 31.8209



65.1400, 1.9667, -36.2867

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.



81.8086, 12.5024, -32.4569



81.8067, -2.3220, 31.8209



81.8086, -23.2019, -29.7295

Square

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



81.8086, -2.3250, 31.8218



81.8086, -37.3349, 6.3649



81.8086, -6.3941, -37.7082



81.8086, 34.8160, 2.4939

Rectangle

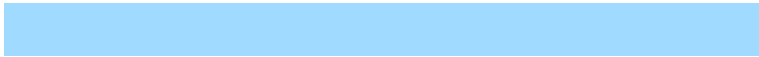
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.8067, -2.3220, 31.8209



81.8086, -29.0073, 24.6302



81.8086, -6.3941, -37.7082



81.8086, 23.5803, -22.6873

Sweetspot

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



81.8086, -2.3250, 31.8218



95.9663, -5.2542, 15.2967



64.2901, 37.5943, 2.7111



44.1995, -2.4101, 7.5387

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.8086, -2.3250, 31.8218



84.2636, -0.8659, 37.6593



90.2875, -23.9810, 38.4092



41.9005, -2.3029, 5.7565



49.7719, 9.6849, 30.8388



14.9651, 1.6556, 9.2504

Inverse Universe

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



65.1400, 1.9667, -36.2867



63.1538, 5.1776, -49.8139



57.5278, 23.2314, -50.7224



40.0678, -1.9129, -1.5674



25.5839, 26.1188, -88.3606



8.4703, 4.8121, -20.9750

Previews

White Background



This preview shows how the HunterLab color 81.8067, -2.3220, 31.8209 looks on a white background.

Color Contrast Check

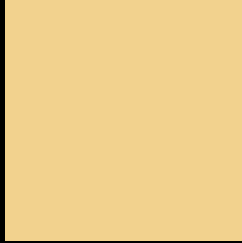
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 81.8067, -2.3220, 31.8209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

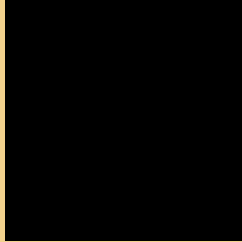
Any Text WCAG AA ✓ Pass

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](#).

HunterLab 81.8067, -2.3220, 31.8209 Background



This preview shows how black text looks on a background with the HunterLab color 81.8067, -2.3220, 31.8209.



This preview shows how white text looks on a background with the HunterLab color 81.8067, -2.3220,

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

81.8067, -2.3220, 31.8209

Protanopia

81.9952, -7.9037, 31.5960

Deuteranopia

81.8523, 5.6162, 30.8372



Tritanopia

81.8872, 15.1832, 3.6862

Trichromacy



Original Color

81.8067, -2.3220, 31.8209

Protanomaly

82.1003, -5.9543, 31.7189

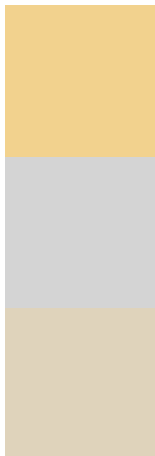
Deuteranomaly

81.8498, 2.5464, 31.0755

Tritanomaly

81.6297, 8.3280, 15.4771

Monochromacy



Original Color

81.8067, -2.3220, 31.8209

Achromatopsia

81.1403, -4.3294, 4.4085

Achromatomaly

81.1569, -4.1296, 15.5898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.8067, -2.3220, 31.8209 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(242, 210, 142)` looks like.

```
.text, #text, p{  
    color:rgb(242, 210, 142)  
}
```

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(242, 210, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 210, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 81.8067, -2.3220, 31.8209 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(242, 210, 142) }
```


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

```
.border{ border-color:rgb(242, 210, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 210, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 210, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 210, 142);  
box-shadow:4px 4px 4px 4px rgb(242, 210,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.8067, -2.3220, 31.8209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 210, 142) }
```

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

```
.background{ background-color: rgb(242,  
210, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor