

# Converting Colors

HunterLab(81.3034, -6.5300,  
29.0668)

Have a look what the booklet for  
HunterLab(81.3034, -6.5300,  
29.0668) contains.

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# Color

**HunterLab(81.4112, -6.5225,  
29.0372)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7D496
RGB	231, 212, 150
RGB Percent	91%, 83%, 59%
CMY	0.0941, 0.1686, 0.4118
CMYK	0.00, 0.08, 0.35, 0.09
HSL	46°, 63%, 75%
HSV	46°, 35%, 91%
XYZ	62.0035, 66.2778, 38.3791
YIQ	210.6130, 31.2260, -15.2540

# Conversions

## Conversions Part 2

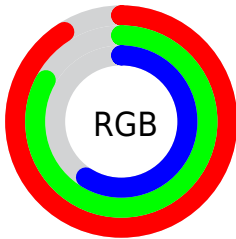
Format	Color
<a href="#">RYB</a>	<a href="#">175, 231, 150</a>
Decimal	<a href="#">15193238</a>
CIELab	<a href="#">85.14, -2.30, 33.10</a>
CIELCh	<a href="#">85, 33.179, 93.979</a>
Yxy	<a href="#">66.2809, 0.3720, 0.3977</a>
Android (android.graphics.Color)	<a href="#">4293383318</a> (0xFFE7D496)
YUV	<a href="#">210.6130, -29.8822, 17.8794</a>
Hunter-Lab	<a href="#">81.4112, -6.5225, 29.0372</a>

# Details

The HunterLab color **81.4112, -6.5225, 29.0372** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63.7403, 3.8015, -30.9799**, and the grayscale version is **80.6596, -4.3038, 4.3824**.

A 20% lighter version of the original color is **98.5839, -13.1501, 25.7803**, and **58.5954, -5.4041, 24.3194** is the 20% darker color. If you saturate the color by 10%, you get **79.3381, -6.1160, 33.8008**, and if you desaturate by 10%, it is **83.5787, -6.5237, 23.3040**.

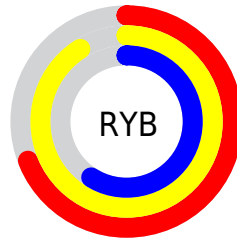
# Distribution



Red (91%)

Green (83%)

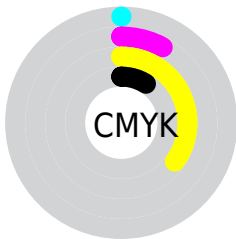
Blue (59%)



Red (69%)

Yellow (91%)

Blue (59%)

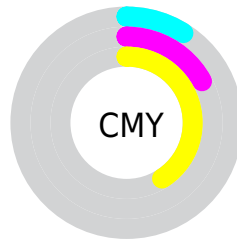


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.4112, -6.5225, 29.0372 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 81.4112, -6.5225, 29.0372 by changing the saturation by 10% instead.



81.4112, -6.5225,  
29.0372

81.4112, -6.5225,  
29.0372

211.5138,  
-14.2972, 48.6618

69.6423, -5.7849,  
26.6366

106.7190, -8.0845,  
33.6461

58.5007, -5.0718,  
24.1483

120.2024, -8.9019,  
35.8762

48.0263, -4.3868,  
21.5500

134.2103, -9.7437,  
38.0687

38.2645, -3.7304,  
18.8102

148.7236,  
-10.6092, 40.2303

29.2717, -3.1034,  
15.8853

163.7254,  
-11.4979, 42.3663

21.1204, -2.5057,  
12.7735

179.2001,

13.9085, -1.9365,

-12.4091, 44.4811

9.7359

195.1339,  
-13.3424, 46.5786

■ 7.5430, -1.7329,  
5.2801

0.0000, NaN, NaN

■ 81.4112, -6.5225,  
29.0372

■ 81.4112, -6.5225,  
29.0372

■ 79.3381, -6.1160,  
33.8008

■ 83.5787, -6.5237,  
23.3040

■ 77.3549, -5.2939,  
37.5753

■ 85.8332, -6.1185,  
16.6251

■ 75.4638, -4.0626,  
40.3591

■ 88.1746, -5.3201,  
9.0355

■ 73.6640, -2.4340,  
42.1695

■ 90.6002, -4.1413,  
0.5740

■ 71.9529, -0.4306,  
43.0509

■ 92.7336, -4.6405,  
-3.4275

■ 70.3254, 1.9092,  
43.0903

■ 94.4544, -7.4804,  
-1.3149

■ 69.5458, 3.1463,  
42.9088

■ 96.1943, -10.3020,  
0.7820

■ 97.8412, -12.9292,  
2.7323

# Harmonies

## Analogous

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



81.4131, 9.9539, 27.0438



81.4112, -6.5225, 29.0372



81.4131, -21.2349, 25.5902

# Triad

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



81.4131, -6.5252, 29.0381



81.4131, -28.8843, -14.1814



81.4131, 25.9741, -9.8586

# Complementary

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



81.4112, -6.5225, 29.0372



63.7403, 3.8015, -30.9799

# 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.



81.4131, 14.0376, -24.5773



81.4112, -6.5225, 29.0372



81.4131, -17.7267, -27.3998

# Square

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



81.4131, -6.5252, 29.0381



81.4131, -33.4810, 2.3222



81.4131, -2.1484, -31.5362



81.4131, 29.5615, 6.4859



# Rectangle

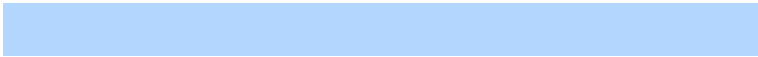
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4112, -6.5225, 29.0372



81.4131, -28.3175, 20.1736



81.4131, -2.1484, -31.5362



81.4131, 22.7610, -15.2586

# Sweetspot

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



81.4131, -6.5252, 29.0381



97.0557, -6.5389, 15.3179



64.5864, 28.3147, 5.2674



44.7382, -3.0770, 7.6117

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.4131, -6.5252, 29.0381



89.4005, -7.0186, 36.4121



85.5371, -22.6580, 32.3101



40.2667, -2.6424, 5.7650



52.2626, 2.0206, 32.2393



14.6884, -0.2808, 9.0460



# Inverse Universe

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



63.7403, 3.8015, -30.9799



65.8783, 7.1602, -44.4270



60.1306, 19.3384, -37.1536



37.9907, -1.3822, -1.8100



22.0916, 33.3255, -99.5528



7.0780, 5.9861, -21.7692



# Previews

## White Background



This preview shows how the HunterLab color 81.4112, -6.5225, 29.0372 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 81.4112, -6.5225, 29.0372 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

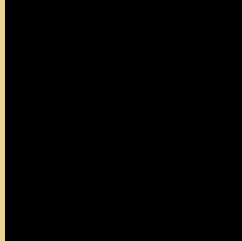
Any Text WCAG AA ✓ Pass

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 81.4112, -6.5225, 29.0372 Background



This preview shows how black text looks on a background with the HunterLab color 81.4112, -6.5225, 29.0372.



This preview shows how white text looks on a background with the HunterLab color 81.4112, -6.5225,



# 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

81.4112, -6.5225, 29.0372

### Protanopia

81.5160, -7.7369, 29.1075

### Deuteranopia

81.4465, 5.9912, 28.6672



## Tritanopia

81.3493, 10.6624, 1.4689

# Trichromacy



## Original Color

81.4112, -6.5225, 29.0372

## Protanomaly

81.6171, -7.3812, 29.2020

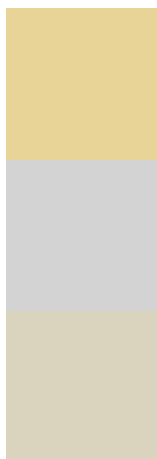
## Deuteranomaly

81.4079, 1.2759, 28.8620

## Tritanomaly

81.1607, 4.0073, 12.7957

# Monochromacy



## Original Color

81.4112, -6.5225, 29.0372

## Achromatopsia

80.7097, -4.3065, 4.3851

## Achromatomaly

80.7267, -5.5218, 14.2872

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.4112, -6.5225, 29.0372 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(231, 212, 150)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 150)  
}
```

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(231, 212, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 150) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.4112, -6.5225, 29.0372 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(231, 212, 150) }
```



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

```
.border{ border-color:rgb(231, 212, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 150);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
150) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.4112, -6.5225, 29.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 150) }
```

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

```
.background{ background-color: rgb(231,  
212, 150) }
```

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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