

# Converting Colors

HunterLab(83.2635, -6.9710,  
19.7184)

Have a look what the booklet for  
HunterLab(83.2635, -6.9710,  
19.7184) contains.

<b>HunterLab(83.1696, -6.8575, 19.5795)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(83.1696, -6.8575,  
19.5795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2D9B6
RGB	226, 217, 182
RGB Percent	89%, 85%, 71%
CMY	0.1137, 0.1490, 0.2863
CMYK	0.00, 0.04, 0.19, 0.11
HSL	48°, 43%, 80%
HSV	48°, 19%, 89%
XYZ	64.6204, 69.1718, 54.2015
YIQ	215.7010, 16.5990, -8.9770

# Conversions

## Conversions Part 2

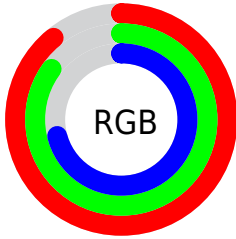
Format	Color
R <sub>Y</sub> B	193, 226, 182
Decimal	14866870
CIE Lab	86.59, -2.54, 18.37
CIE LCh	87, 18.547, 97.871
Yxy	69.1749, 0.3437, 0.3680
Android (android.graphics.Color)	4293056950 (0xFFE2D9B6)
YUV	215.7010, -16.6146, 9.0322
Hunter-Lab	83.1696, -6.8575, 19.5795

# Details

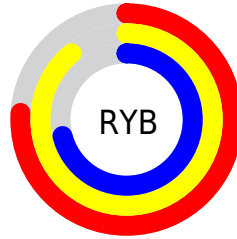
The HunterLab color  $83.1696, -6.8575, 19.5795$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $72.5923, -0.0339, -14.0365$ , and the grayscale version is  $82.8032, -4.4182, 4.4989$ .

A 20% lighter version of the original color is  $99.4751, -8.2187, 12.9402$ , and  $59.9764, -5.3750, 16.3319$  is the 20% darker color. If you saturate the color by 10%, you get  $81.2194, -7.4182, 25.8389$ , and if you desaturate by 10%, it is  $85.2065, -5.9081, 12.3856$ .

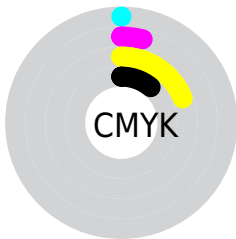
# Distribution



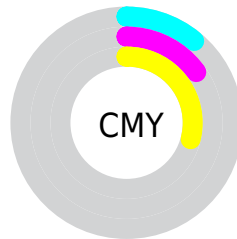
- Red (89%)
- Green (85%)
- Blue (71%)



- Red (76%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.1696, -6.8575, 19.5795 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 83.1696, -6.8575, 19.5795 by changing the saturation by 10% instead.



■ 83.1696, -6.8575,  
19.5795

■ 83.1696, -6.8575,  
19.5795

213.9270,  
-14.7475, 33.3234

■ 71.3121, -6.1042,  
18.0173

■ 108.6422, -8.4480,  
22.6593

■ 60.0771, -5.3750,  
16.4285

122.2031, -9.2791,  
24.1848

■ 49.5032, -4.6728,  
14.8035

136.2854,  
-10.1340, 25.7059

■ 39.6348, -3.9984,  
13.1272

150.8706,  
-11.0122, 27.2253

■ 30.5264, -3.3520,  
11.3774

165.9419,  
-11.9132, 28.7452

■ 22.2476, -2.7334,  
9.5190

181.4841,

■ 14.8919, -2.1413,

-12.8364, 30.2673

7.5763

197.4834,  
-13.7813, 31.7930

■ 8.5418, -1.7520,  
5.9792

0.0000, NaN, NaN

■ 83.1696, -6.8575,  
19.5795

■ 83.1696, -6.8575,  
19.5795

■ 81.2194, -7.4182,  
25.8389

■ 85.2065, -5.9081,  
12.3856

■ 79.3515, -7.5761,  
31.1356

■ 87.3228, -4.5728,  
4.2855

■ 77.5684, -7.3310,  
35.4547

■ 89.5185, -2.8661,  
-4.6834

■ 75.8702, -6.6852,  
38.7926

■ 91.1508, -4.2953,  
-5.4471

74.2559, -5.6476,  
41.1616

92.6132, -6.7158,  
-3.6166

72.7233, -4.2357,  
42.5963

94.0897, -9.1228,  
-1.7985

71.2680, -2.4788,  
43.1617

95.5800, -11.5164,  
0.0074

69.8795, -0.4424,  
43.0224

97.0835, -13.8966,  
1.8011

69.8067, -0.3314,  
43.0088

97.4212, -14.4265,  
2.2001

# Harmonies

## Analogous

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



83.1715, 2.3522, 18.7027



83.1696, -6.8575, 19.5795



83.1715, -15.0639, 16.7870

# Triad

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



83.1715, -6.8599, 19.5806



83.1715, -17.9993, -6.5232



83.1715, 12.6525, -2.0897

# Complementary

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



83.1696, -6.8575, 19.5795



72.5923, -0.0339, -14.0365

# Split Complementary

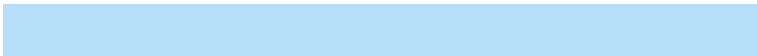
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1715, 6.7406, -9.9398



83.1696, -6.8575, 19.5795



83.1715, -11.0254, -12.6878

# Square

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



83.1715, -6.8599, 19.5806



83.1715, -21.3097, 2.1808



83.1715, -1.9967, -14.0018



83.1715, 13.8866, 6.8073



# Rectangle

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



83.1696, -6.8575, 19.5795



83.1715, -18.9507, 13.0182



83.1715, -1.9967, -14.0018



83.1715, 11.1343, -4.9656

# Sweetspot

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



83.1715, -6.8599, 19.5806



98.5261, -6.2987, 11.1328



73.0826, 12.6815, 5.0165



45.5094, -2.9581, 5.4273

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.1715, -6.8599, 19.5806



94.5349, -8.1550, 25.2241



84.8509, -15.4600, 21.0893



39.4065, -2.7307, 5.7178



52.8908, -0.5320, 32.5818



14.3552, -0.8627, 8.8305



# Inverse Universe

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



72.5923, -0.0339, -14.0365



80.1752, 1.1685, -20.5389



71.0485, 8.3791, -16.1174



37.0066, -1.1986, -1.8710



20.9585, 35.3879, -102.5886

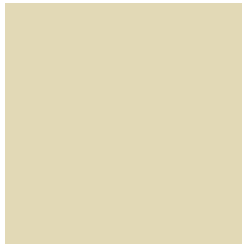


6.5738, 6.1547, -21.5029



# Previews

## White Background



This preview shows how the HunterLab color 83.1696, -6.8575, 19.5795 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

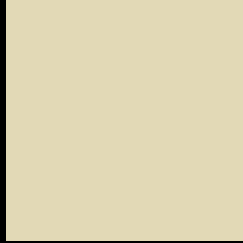
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.1696, -6.8575, 19.5795 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

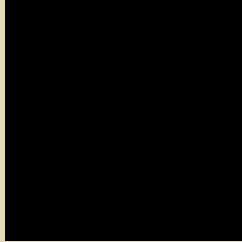
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

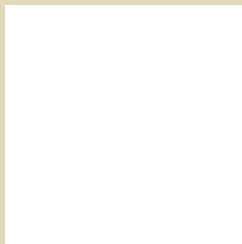
Any Text WCAG AAA ✓ Pass

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

## HunterLab 83.1696, -6.8575, 19.5795 Background



This preview shows how black text looks on a background with the HunterLab color 83.1696, -6.8575, 19.5795.



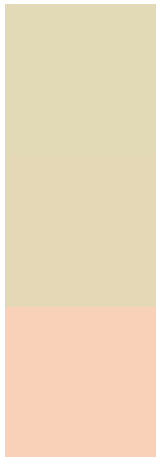
This preview shows how white text looks on a background with the HunterLab color 83.1696, -6.8575,



# 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

83.1696, -6.8575, 19.5795

### Protanopia

83.1548, -5.3211, 19.5916

### Deuteranopia

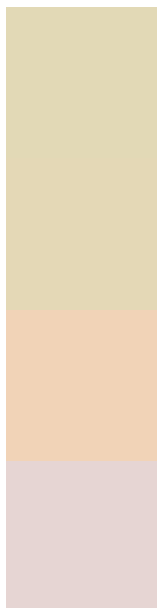
82.8928, 6.2656, 18.7526



## Tritanopia

83.2408, 5.3746, -0.3762

# Trichromacy



## Original Color

83.1696, -6.8575, 19.5795

## Protanomaly

83.0561, -5.6657, 19.4872

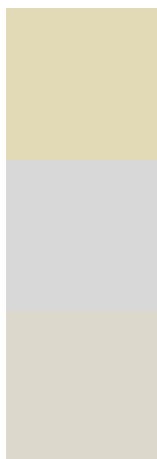
## Deuteranomaly

82.8904, 1.6283, 19.0607

## Tritanomaly

83.1352, 0.9142, 7.2919

# Monochromacy



## Original Color

83.1696, -6.8575, 19.5795

## Achromatopsia

82.8665, -4.4215, 4.5023

## Achromatomaly

82.8776, -5.1046, 10.1114

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.1696, -6.8575, 19.5795 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(226, 217, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 182)  
}
```

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(226, 217, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 182) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.1696, -6.8575, 19.5795 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(226, 217, 182) }
```



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

```
.border{ border-color:rgb(226, 217, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 217, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 217, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 217, 182); box-shadow:4px 4px 4px 4px rgb(226, 217, 182) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.1696, -6.8575, 19.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 182) }
```

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

```
.background{ background-color: rgb(226,  
217, 182) }
```

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