

# Converting Colors

HunterLab(83.8336, -1.2466,  
19.1748)

Have a look what the booklet for  
HunterLab(83.8336, -1.2466,  
19.1748) contains.

<b>HunterLab(83.8336, -1.2466, 19.1748)</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(83.8336, -1.2466,  
19.1748)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EED7B9
RGB	238, 215, 185
RGB Percent	93%, 84%, 73%
CMY	0.0667, 0.1568, 0.2745
CMYK	0.00, 0.10, 0.22, 0.07
HSL	34°, 61%, 83%
HSV	34°, 22%, 93%
XYZ	68.3172, 70.2807, 55.8637
YIQ	218.4570, 23.3380, -4.4540

# Conversions

## Conversions Part 2

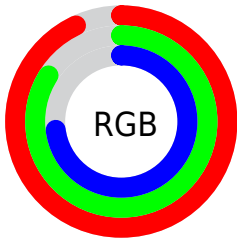
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 238, 185
Decimal	15652793
CIE Lab	87.14, 3.34, 17.71
CIE LCh	87, 18.021, 79.324
Yxy	70.2839, 0.3513, 0.3614
Android (android.graphics.Color)	4293842873 (0xFFEED7B9)
YUV	218.4570, -16.4943, 17.1392
Hunter-Lab	83.8336, -1.2466, 19.1748

# Details

The HunterLab color  $83.8336, -1.2466, 19.1748$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $78.4840, -5.4449, -12.8408$ , and the grayscale version is  $83.9933, -4.4817, 4.5635$ .

A 20% lighter version of the original color is  $99.5645, -7.7269, 11.6595$ , and  $60.6240, -0.0145, 16.0065$  is the 20% darker color. If you saturate the color by 10%, you get  $80.1668, 1.0212, 24.4099$ , and if you desaturate by 10%, it is  $87.6361, -3.1283, 13.2228$ .

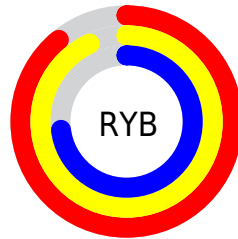
# Distribution



Red (93%)

Green (84%)

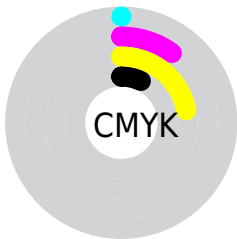
Blue (73%)



Red (89%)

Yellow (93%)

Blue (73%)

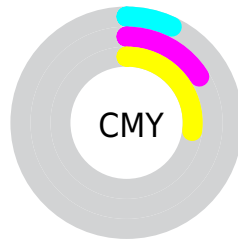


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8336, -1.2466, 19.1748 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 83.8336, -1.2466, 19.1748 by changing the saturation by 10% instead.



83.8336, -1.2466,  
19.1748

83.8336, -1.2466,  
19.1748

214.8363, -7.0720,  
32.6651

71.9430, -0.7721,  
17.6494

109.3680, -2.3181,  
22.1882

60.6731, -0.3368,  
16.1001

122.9577, -2.9054,  
23.6832

50.0621, 0.0532,  
14.5185

137.0680, -3.5255,  
25.1754

40.1539, 0.3934,  
12.8903

151.6801, -4.1770,  
26.6672

31.0024, 0.6779,  
11.1947

166.7775, -4.8585,  
28.1606

22.6763, 0.8986,  
9.3991

182.3450, -5.5689,

15.2673, 1.0437,

29.6572

7.4735

198.3688, -6.3070,  
31.1584

■ 8.8881, 1.1620,  
6.2217

0.0000, NaN, NaN

■ 83.8336, -1.2466,  
19.1748

■ 83.8336, -1.2466,  
19.1748

■ 80.1668, 1.0212,  
24.4099

■ 87.6361, -3.1283,  
13.2228

■ 76.6395, 3.7043,  
28.8634

■ 91.5597, -4.6396,  
6.6099

■ 73.2635, 6.8167,  
32.4768

■ 95.5506, -6.0676,  
0.0666

■ 70.0492, 10.3680,  
35.1958

■ 98.4465, -10.7826,  
3.4955

■ 67.0063, 14.3567,  
36.9794

■ 64.1439, 18.7650,  
37.8114

■ 61.4688, 23.5514,  
37.7203

■ 59.5252, 27.4381,  
37.1595

# Harmonies

## Analogous

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



83.8355, 7.0967, 16.1078



83.8336, -1.2466, 19.1748



83.8355, -10.1250, 18.6531

# Triad

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



83.8355, -1.2492, 19.1760



83.8355, -20.1839, -1.0661



83.8355, 9.0479, -6.8851

# Complementary

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



83.8336, -1.2466, 19.1748



78.4840, -5.4449, -12.8408

# 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.



83.8355, 1.3231, -12.4961



83.8336, -1.2466, 19.1748



83.8355, -15.4564, -8.8993

# Square

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



83.8355, -1.2492, 19.1760



83.8355, -20.8073, 7.5548



83.8355, -7.6581, -13.2697



83.8355, 13.2060, 1.4576

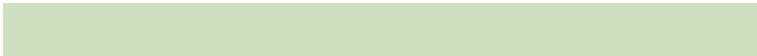


# Rectangle

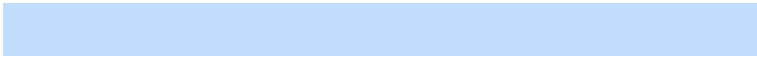
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.8336, -1.2466, 19.1748



83.8355, -15.1598, 16.3202



83.8355, -7.6581, -13.2697



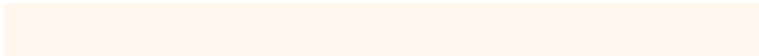
83.8355, 6.7675, -9.1891

# Sweetspot

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



83.8355, -1.2492, 19.1760



96.9851, -4.2880, 10.6361



75.8102, 18.2585, -0.0675



44.7508, -1.9380, 5.1212

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.8355, -1.2492, 19.1760



88.7306, -0.2188, 23.5748



90.7601, -13.8660, 25.6987



41.5259, -1.6783, 5.3559



44.7548, 19.8573, 27.9253



13.6520, 4.1751, 8.4854



# Inverse Universe

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



78.4840, -5.4449, -12.8408



81.7318, -5.6639, -18.3669



71.7766, 7.2781, -22.4615



40.4436, -2.5367, -1.1030



30.2181, 14.7750, -69.6650

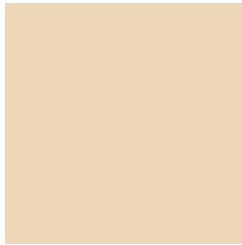


9.7667, 2.0976, -16.7356



# Previews

## White Background



This preview shows how the HunterLab color 83.8336, -1.2466, 19.1748 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 83.8336, -1.2466, 19.1748 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

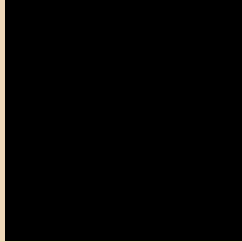
Any Text WCAG AA ✓ Pass

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 83.8336, -1.2466, 19.1748 Background



This preview shows how black text looks on a background with the HunterLab color 83.8336, -1.2466, 19.1748.



This preview shows how white text looks on a background with the HunterLab color 83.8336, -1.2466,



# 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

83.8336, -1.2466, 19.1748

### Protanopia

83.9708, -5.4439, 18.8467

### Deuteranopia

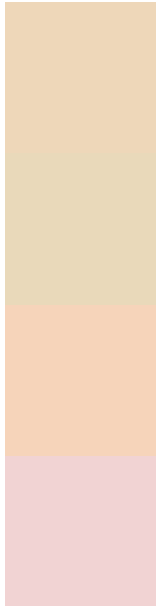
83.7542, 6.2254, 18.8326



## Tritanopia

83.7536, 10.0572, 0.8494

# Trichromacy



## Original Color

83.8336, -1.2466, 19.1748

## Protanomaly

83.9610, -3.8953, 18.8639

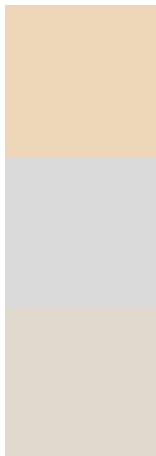
## Deuteranomaly

83.8003, 3.3324, 18.8285

## Tritanomaly

83.6615, 5.7772, 7.9778

# Monochromacy



## Original Color

83.8336, -1.2466, 19.1748

## Achromatopsia

83.7318, -4.4677, 4.5493

## Achromatomaly

83.7195, -3.6468, 10.1702

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.8336, -1.2466, 19.1748 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(238, 215, 185)` looks like.

```
.text, #text, p{  
    color:rgb(238, 215, 185)  
}
```

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(238, 215, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 215, 185) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.8336, -1.2466, 19.1748 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(238, 215, 185) }
```



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

```
.border{ border-color:rgb(238, 215, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 215, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 215, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 215, 185); box-shadow:4px 4px 4px 4px rgb(238, 215, 185) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.8336, -1.2466, 19.1748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 215, 185) }
```

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

```
.background{ background-color: rgb(238,  
215, 185) }
```

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