

# Converting Colors

HunterLab(85.6461, -4.6248,  
26.5235)

Have a look what the booklet for  
HunterLab(85.6461, -4.6248,  
26.5235) contains.

<b>HunterLab(85.7277, -4.8333, 26.4384)</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(85.7277, -4.8333,  
26.4384)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2DDAA
RGB	242, 221, 170
RGB Percent	95%, 87%, 67%
CMY	0.0510, 0.1333, 0.3333
CMYK	0.00, 0.09, 0.30, 0.05
HSL	43°, 73%, 81%
HSV	43°, 30%, 95%
XYZ	69.7301, 73.4924, 48.5405
YIQ	221.4650, 28.8870, -11.4090

# Conversions

## Conversions Part 2

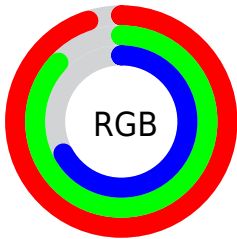
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 242, 170
Decimal	15916458
CIE <sub>Lab</sub>	88.68, -0.27, 27.70
CIE <sub>LCh</sub>	89, 27.705, 90.550
Yxy	73.4957, 0.3636, 0.3833
Android (android.graphics.Color)	4294106538 (0xFFFF2DDAA)
YUV	221.4650, -25.3722, 18.0092
Hunter-Lab	85.7277, -4.8333, 26.4384

# Details

The HunterLab color  $85.7277, -4.8333, 26.4384$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $72.2613, 0.1034, -24.3964$ , and the grayscale version is  $85.3340, -4.5532, 4.6364$ .

A 20% lighter version of the original color is  $99.1317, -10.1135, 17.8738$ , and  $62.3467, -3.5908, 22.3504$  is the 20% darker color. If you saturate the color by 10%, you get  $83.0747, -3.9451, 31.7705$ , and if you desaturate by 10%, it is  $88.4888, -5.3019, 20.1563$ .

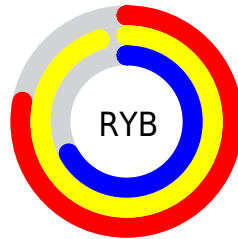
# Distribution



Red (95%)

Green (87%)

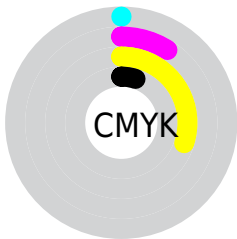
Blue (67%)



Red (78%)

Yellow (95%)

Blue (67%)

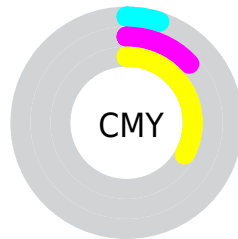


Cyan (0%)

Magenta (9%)

Yellow (30%)

Black (5%)



Cyan (5%)

Magenta (13%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.7277, -4.8333, 26.4384 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 85.7277, -4.8333, 26.4384 by changing the saturation by 10% instead.



85.7277, -4.8333,  
26.4384

85.7277, -4.8333,  
26.4384

217.4238,  
-11.9637, 43.7992

73.7438, -4.1833,  
24.3704

111.4364, -6.2326,  
30.4481

62.3752, -3.5628,  
22.2424

125.1080, -6.9739,  
32.4049

51.6596, -2.9764,  
20.0383

139.2971, -7.7424,  
34.3385

41.6394, -2.4261,  
17.7348

153.9854, -8.5372,  
36.2537

32.3667, -1.9145,  
15.2987

169.1565, -9.3575,  
38.1544

23.9076, -1.4448,  
12.6817

184.7954,

16.3493, -1.0211,

-10.2024, 40.0439

10.3011

200.8887,  
-11.0714, 41.9247

■ 9.8158, -0.6489,  
6.8711

0.0000, NaN, NaN

■ 85.7277, -4.8333,  
26.4384

■ 85.7277, -4.8333,  
26.4384

■ 83.0747, -3.9451,  
31.7705

■ 88.4888, -5.3019,  
20.1563

■ 80.5272, -2.6194,  
36.1132

■ 91.3484, -5.3561,  
12.9639

■ 78.0901, -0.8551,  
39.4425

■ 94.3044, -5.0147,  
4.9093

■ 75.7652, 1.3443,  
41.7495

■ 96.9497, -6.5063,  
1.7682

■ 73.5529, 3.9643,  
43.0500

■ 98.8015, -9.5304,  
3.9408

■ 71.4516, 6.9760,  
43.3964

■ 69.4517, 10.3065,  
42.9615

■ 69.4029, 10.3908,  
42.9476

# Harmonies

## Analogous

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



85.7297, 8.9948, 24.0249



85.7277, -4.8333, 26.4384



85.7297, -17.7761, 23.8409

# Triad

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



85.7297, -4.8361, 26.4395



85.7297, -26.4525, -9.3248



85.7297, 20.0200, -8.8332

# Complementary

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



85.7277, -4.8333, 26.4384



72.2613, 0.1034, -24.3964

# 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.



85.7297, 9.4683, -20.3104



85.7277, -4.8333, 26.4384



85.7297, -17.3574, -20.6246

# Square

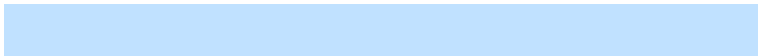
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7297, -4.8361, 26.4395



85.7297, -29.7577, 4.4213



85.7297, -4.3214, -24.9297



85.7297, 23.8894, 4.9109

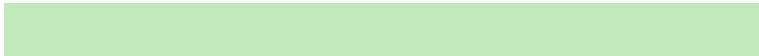


# Rectangle

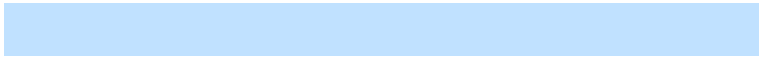
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7277, -4.8333, 26.4384



85.7297, -24.3012, 19.3320



85.7297, -4.3214, -24.9297



85.7297, 17.1051, -13.1578

# Sweetspot

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



85.7297, -4.8361, 26.4395



97.1665, -5.6716, 13.1673



71.7047, 25.0332, 3.5785



44.7453, -2.6344, 6.6384

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.7297, -4.8361, 26.4395



89.1773, -4.5849, 31.7704



91.0140, -20.2691, 30.9526



41.9941, -2.4581, 5.8560



51.1108, 7.1650, 31.6197



15.3097, 1.0341, 9.4519



# Inverse Universe

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



72.2613, 0.1034, -24.3964



72.0006, 1.9275, -33.5061



67.3803, 15.2454, -32.1320



39.9746, -1.7574, -1.6832



24.5751, 28.9567, -93.2259

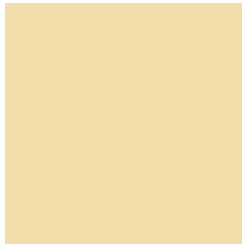


8.1718, 5.5090, -22.1064



# Previews

## White Background



This preview shows how the HunterLab color 85.7277, -4.8333, 26.4384 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 85.7277, -4.8333, 26.4384 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

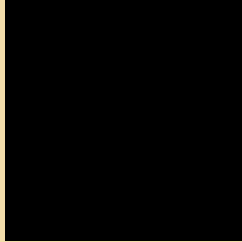
Any Text WCAG AA ✓ Pass

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 85.7277, -4.8333, 26.4384 Background



This preview shows how black text looks on a background with the HunterLab color 85.7277, -4.8333, 26.4384.



This preview shows how white text looks on a background with the HunterLab color 85.7277, -4.8333,



# 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

85.7277, -4.8333, 26.4384

### Protanopia

85.6504, -6.6475, 25.9906

### Deuteranopia

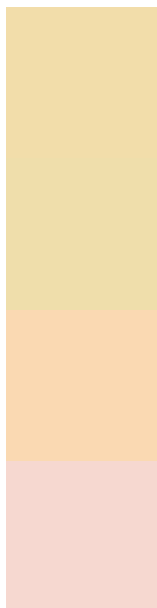
85.5794, 4.5506, 22.1524



## Tritanopia

85.6980, 10.7118, 1.2004

# Trichromacy



## Original Color

85.7277, -4.8333, 26.4384

## Protanomaly

85.7517, -6.2930, 26.0907

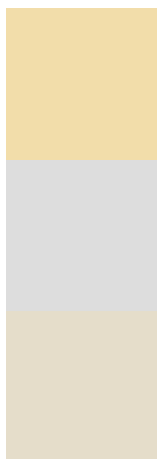
## Deuteranomaly

85.5360, 1.1344, 23.5313

## Tritanomaly

85.5913, 4.4314, 11.4813

# Monochromacy



## Original Color

85.7277, -4.8333, 26.4384

## Achromatopsia

85.0326, -4.5371, 4.6200

## Achromatomaly

85.2263, -4.9863, 13.5563

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.7277, -4.8333, 26.4384 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, 221, 170)` looks like.

```
.text, #text, p{  
    color:rgb(242, 221, 170)  
}
```

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, 221, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 221, 170) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.7277, -4.8333, 26.4384 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, 221, 170) }
```



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

```
.border{ border-color:rgb(242, 221, 170) }
```

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

Here you see how a box with a 4 pixel rgb(242, 221, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 221, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 221, 170);  
box-shadow:4px 4px 4px 4px rgb(242, 221,  
170) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.7277, -4.8333, 26.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 221, 170) }
```

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

```
.background{ background-color: rgb(242,  
221, 170) }
```

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