

# Converting Colors

HunterLab(85.4468, -6.5804,  
20.4535)

Have a look what the booklet for  
HunterLab(85.4468, -6.5804,  
20.4535) contains.

<b>HunterLab(85.5052, -6.4493, 20.3631)</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(85.5052, -6.4493,  
20.3631)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9DEBA
RGB	233, 222, 186
RGB Percent	91%, 87%, 73%
CMY	0.0863, 0.1294, 0.2706
CMYK	0.00, 0.05, 0.20, 0.09
HSL	46°, 52%, 82%
HSV	46°, 20%, 91%
XYZ	68.5885, 73.1114, 56.9514
YIQ	221.1850, 18.1120, -8.8640

# Conversions

## Conversions Part 2

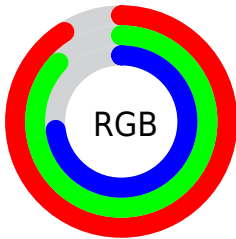
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 233, 186
Decimal	15326906
CIE Lab	88.50, -1.96, 19.03
CIE LCh	89, 19.133, 95.878
Yxy	73.1147, 0.3453, 0.3680
Android (android.graphics.Color)	4293516986 (0xFFE9DEBA)
YUV	221.1850, -17.3462, 10.3618
Hunter-Lab	85.5052, -6.4493, 20.3631

# Details

The HunterLab color  $85.5052, -6.4493, 20.3631$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $75.0024, -0.5398, -14.7346$ , and the grayscale version is  $85.1820, -4.5451, 4.6281$ .

A 20% lighter version of the original color is  $99.5946, -7.5613, 11.2284$ , and  $62.1916, -4.9820, 17.0800$  is the 20% darker color. If you saturate the color by 10%, you get  $83.2791, -6.6600, 26.6301$ , and if you desaturate by 10%, it is  $87.8239, -5.8402, 13.1588$ .

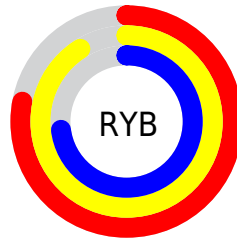
# Distribution



Red (91%)

Green (87%)

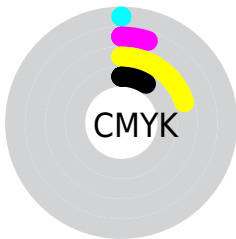
Blue (73%)



Red (78%)

Yellow (91%)

Blue (73%)

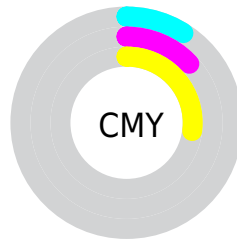


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (9%)



Cyan (9%)

Magenta (13%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.5052, -6.4493, 20.3631 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 85.5052, -6.4493, 20.3631 by changing the saturation by 10% instead.



85.5052, -6.4493,  
20.3631

85.5052, -6.4493,  
20.3631

217.1203,  
-14.1732, 34.3542

73.5321, -5.7189,  
18.7697

111.1935, -7.9977,  
23.5030

62.1751, -5.0139,  
17.1489

124.8556, -8.8090,  
25.0573

51.4717, -4.3378,  
15.4913

139.0354, -9.6450,  
26.6064

41.4645, -3.6914,  
13.7822

153.7148,  
-10.5050, 28.1532

32.2059, -3.0759,  
12.0000

168.8773,  
-11.3884, 29.6997

23.7623, -2.4919,  
10.1112

184.5079,

16.2213, -1.9398,

-12.2946, 31.2478

8.0665

200.5931,  
-13.2230, 32.7989

■ 9.7079, -1.4182,  
6.7955

0.0000, NaN, NaN

■ 85.5052, -6.4493,  
20.3631

■ 85.5052, -6.4493,  
20.3631

■ 83.2791, -6.6600,  
26.6301

■ 87.8239, -5.8402,  
13.1588

■ 81.1419, -6.4560,  
31.9255

■ 90.2272, -4.8370,  
5.0508

■ 79.0969, -5.8350,  
36.2282

■ 92.6831, -3.6281,  
-3.4739

■ 77.1448, -4.7977,  
39.5285

■ 94.4087, -6.4942,  
-1.3545

■ 75.2854, -3.3518,  
41.8333

■ 96.1538, -9.3421,  
0.7493

■ 73.5171, -1.5146,  
43.1730

■ 97.9178, -12.1717,  
2.8377

■ 71.8361, 0.6839,  
43.6123

■ 98.0121, -12.3217,  
2.9483

■ 70.2575, 3.1246,  
43.3471

# Harmonies

## Analogous

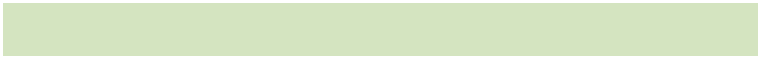
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5071, 3.1198, 19.1986



85.5052, -6.4493, 20.3631



85.5071, -15.1333, 17.7122

# Triad

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



85.5071, -6.4518, 20.3642



85.5071, -19.0359, -6.3061



85.5071, 12.9669, -2.8488

# Complementary

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



85.5052, -6.4493, 20.3631



75.0024, -0.5398, -14.7346

# Split Complementary

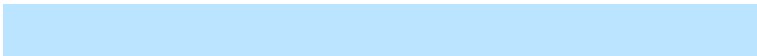
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.5071, 6.5386, -10.8554



85.5052, -6.4493, 20.3631



85.5071, -11.9915, -13.0007

# Square

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



85.5071, -6.4518, 20.3642



85.5071, -22.1896, 2.8340



85.5071, -2.6658, -14.7510



85.5071, 14.6095, 6.4356



# Rectangle

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



85.5052, -6.4493, 20.3631



85.5071, -19.3385, 13.9430



85.5071, -2.6658, -14.7510



85.5071, 11.2807, -5.8094

# Sweetspot

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



85.5071, -6.4518, 20.3642



98.3824, -6.0613, 10.9762



75.1719, 14.0765, 4.5469



45.4357, -2.8364, 5.3474

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

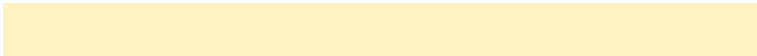


# Same Dimension

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



85.5071, -6.4518, 20.3642



93.7386, -7.2924, 25.4257



87.8834, -15.8895, 22.5343



41.2248, -2.7092, 5.9123



53.1104, 2.0246, 32.7618



15.3601, -0.2564, 9.4603



# Inverse Universe

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



75.0024, -0.5398, -14.7346



79.8947, 0.5612, -20.9680



72.7832, 8.7197, -17.7980



38.8855, -1.4099, -1.8656



22.4040, 33.9823, -101.3612

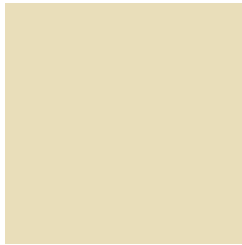


7.3351, 6.4681, -23.1310



# Previews

## White Background



This preview shows how the HunterLab color 85.5052, -6.4493, 20.3631 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 85.5052, -6.4493, 20.3631 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

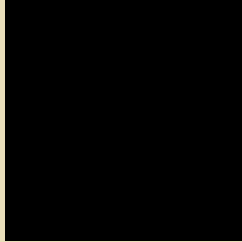
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

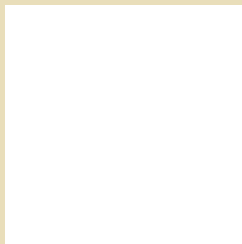
Any Text WCAG AAA ✓ Pass

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

## HunterLab 85.5052, -6.4493, 20.3631 Background



This preview shows how black text looks on a background with the HunterLab color 85.5052, -6.4493, 20.3631.



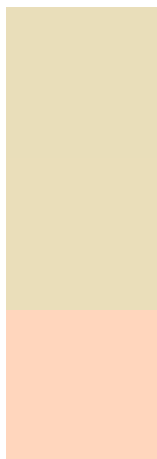
This preview shows how white text looks on a background with the HunterLab color 85.5052, -6.4493,



# 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

85.5052, -6.4493, 20.3631

### Protanopia

85.6038, -6.1042, 20.4671

### Deuteranopia

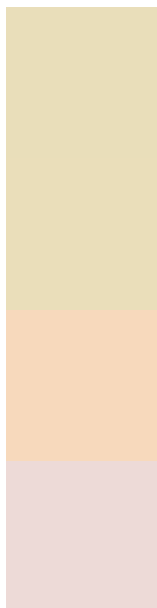
85.4560, 6.0085, 19.3600



## Tritanopia

85.3099, 6.5109, -0.3771

# Trichromacy



## Original Color

85.5052, -6.4493, 20.3631

## Protanomaly

85.6038, -6.1042, 20.4671

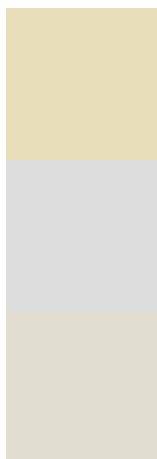
## Deuteranomaly

85.4580, 1.3556, 19.6741

## Tritanomaly

85.4714, 1.3387, 8.0937

# Monochromacy



## Original Color

85.5052, -6.4493, 20.3631

## Achromatopsia

85.0326, -4.5371, 4.6200

## Achromatomaly

85.0144, -5.3844, 10.6736

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.5052, -6.4493, 20.3631 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(233, 222, 186)` looks like.

```
.text, #text, p{  
  color:rgb(233, 222, 186)  
}
```

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(233, 222, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 222, 186) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.5052, -6.4493, 20.3631 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(233, 222, 186) }
```



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

```
.border{ border-color:rgb(233, 222, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 222, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 222, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 222, 186);  
box-shadow:4px 4px 4px 4px rgb(233, 222,  
186) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.5052, -6.4493, 20.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 222, 186) }
```

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

```
.background{ background-color: rgb(233,  
222, 186) }
```

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