

# Converting Colors

HunterLab(81.3556, -1.7002,  
24.6137)

Have a look what the booklet for  
HunterLab(81.3556, -1.7002,  
24.6137) contains.

<b>HunterLab(81.3106, -1.5903, 24.4652)</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(81.3106, -1.5903,  
24.4652)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECD1A4
RGB	236, 209, 164
RGB Percent	93%, 82%, 64%
CMY	0.0745, 0.1804, 0.3569
CMYK	0.00, 0.11, 0.31, 0.07
HSL	38°, 65%, 78%
HSV	38°, 31%, 93%
XYZ	64.0934, 66.1141, 44.5051
YIQ	211.9430, 30.5370, -8.2710

# Conversions

## Conversions Part 2

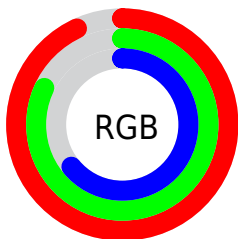
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 236, 164
Decimal	15520164
CIE <sub>Lab</sub>	85.06, 2.88, 25.81
CIE <sub>LCh</sub>	85, 25.966, 83.642
Yxy	66.1172, 0.3668, 0.3784
Android (android.graphics.Color)	4293710244 (0xFFECD1A4)
YUV	211.9430, -23.6359, 21.0980
Hunter-Lab	81.3106, -1.5903, 24.4652

# Details

The HunterLab color  $81.3106, -1.5903, 24.4652$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $71.5602, -2.8040, -21.7039$ , and the grayscale version is  $81.2066, -4.3330, 4.4121$ .

A 20% lighter version of the original color is  $98.9416, -11.1652, 20.6120$ , and  $58.4776, -0.8832, 20.4759$  is the 20% darker color. If you saturate the color by 10%, you get  $78.1792, 0.2850, 29.2444$ , and if you desaturate by 10%, it is  $84.5659, -3.0641, 18.8563$ .

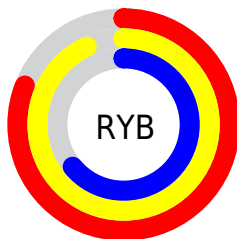
# Distribution



Red (93%)

Green (82%)

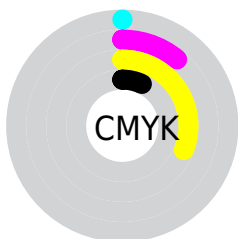
Blue (64%)



Red (81%)

Yellow (93%)

Blue (64%)

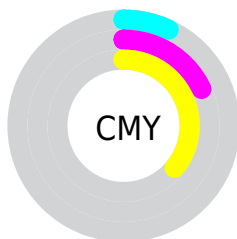


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.3106, -1.5903, 24.4652 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 81.3106, -1.5903, 24.4652 by changing the saturation by 10% instead.



81.3106, -1.5903,  
24.4652

81.3106, -1.5903,  
24.4652

211.3754, -7.5204,  
41.1294

69.5468, -1.1023,  
22.4858

106.6089, -2.6876,  
28.3049

58.4106, -0.6529,  
20.4486

120.0879, -3.2871,  
30.1803

47.9419, -0.2483,  
18.3372

134.0914, -3.9191,  
32.0347

38.1863, 0.1072,  
16.1271

148.6006, -4.5821,  
33.8729

29.2001, 0.4077,  
13.7829

163.5984, -5.2749,  
35.6986

21.0562, 0.6451,  
11.2516

179.0693, -5.9962,

13.8527, 0.8073,

37.5150

9.6512

194.9992, -6.7450,  
39.3245

■ 7.4816, 1.2750,  
5.2371

0.0000, NaN, NaN

■ 81.3106, -1.5903,  
24.4652

■ 81.3106, -1.5903,  
24.4652

■ 78.1792, 0.2850,  
29.2444

■ 84.5659, -3.0641,  
18.8563

■ 75.1727, 2.5846,  
33.1406

■ 87.9328, -4.1463,  
12.4681

■ 72.2993, 5.3142,  
36.1125

■ 91.4069, -4.8600,  
5.3556

■ 69.5649, 8.4741,  
38.1314

■ 94.8656, -5.8652,  
-0.7758

■ 66.9743, 12.0519,  
39.1919

■ 97.7035, -10.4912,  
2.6094

■ 64.5300, 16.0176,  
39.3273

■ 98.2715, -11.4018,  
3.2753

■ 62.3390, 20.0633,  
38.7643

# Harmonies

## Analogous

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



81.3125, 10.8053, 21.1485



81.3106, -1.5903, 24.4652



81.3125, -14.0020, 23.1234

# Triad

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



81.3125, -1.5931, 24.4662



81.3125, -25.7313, -5.5591



81.3125, 16.4942, -10.7520

# Complementary

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



81.3106, -1.5903, 24.4652



71.5602, -2.8040, -21.7039

# 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.



81.3125, 5.7890, -20.1412



81.3106, -1.5903, 24.4652



81.3125, -18.4576, -16.8330

# Square

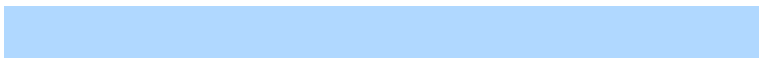
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3125, -1.5931, 24.4662



81.3125, -27.4380, 6.9821



81.3125, -7.0568, -22.5233



81.3125, 21.6573, 1.7842



# Rectangle

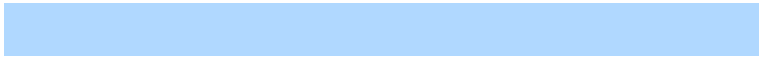
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.3106, -1.5903, 24.4652



81.3125, -20.6787, 19.6436



81.3125, -7.0568, -22.5233



81.3125, 13.3937, -14.4546

# Sweetspot

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



81.3125, -1.5931, 24.4662



96.5616, -4.6664, 12.5201



69.4065, 26.0015, 0.8204



44.4207, -2.0949, 6.2952

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.3125, -1.5931, 24.4662



86.4933, -0.4269, 30.2867



88.9382, -18.0317, 31.0733



40.7711, -1.9569, 5.4296



46.5595, 14.3346, 28.9407



13.7332, 2.6686, 8.5091



# Inverse Universe

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



71.5602, -2.8040, -21.7039



73.6557, -1.8538, -30.8017



64.3614, 13.6064, -33.2067



39.3373, -2.1641, -1.3040



27.3095, 20.2210, -77.7859

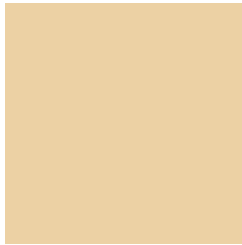


8.7475, 3.1972, -17.8354



# Previews

## White Background



This preview shows how the HunterLab color 81.3106, -1.5903, 24.4652 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

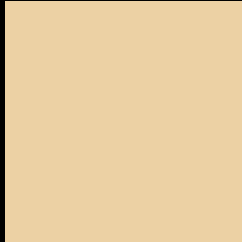
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.3106, -1.5903, 24.4652 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

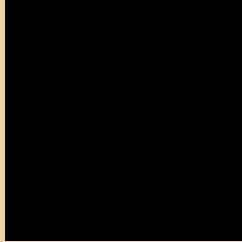
Any Text WCAG AA ✓ Pass

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 81.3106, -1.5903, 24.4652 Background



This preview shows how black text looks on a background with the HunterLab color 81.3106, -1.5903, 24.4652.



This preview shows how white text looks on a background with the HunterLab color 81.3106, -1.5903,



# 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

81.3106, -1.5903, 24.4652

### Protanopia

81.3231, -6.1989, 24.0496

### Deuteranopia

81.2663, 5.9397, 24.2089



## Tritanopia

81.3192, 11.9223, 2.4548

# Trichromacy



## Original Color

81.3106, -1.5903, 24.4652

## Protanomaly

81.3192, -4.6372, 24.0733

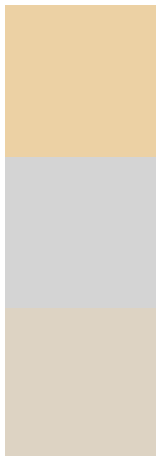
## Deuteranomaly

81.2972, 3.0183, 24.1867

## Tritanomaly

81.4034, 6.5646, 11.3625

# Monochromacy



## Original Color

81.3106, -1.5903, 24.4652

## Achromatopsia

81.1403, -4.3294, 4.4085

## Achromatomaly

81.1793, -3.6176, 12.2508

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.3106, -1.5903, 24.4652 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(236, 209, 164)` looks like.

```
.text, #text, p{  
    color:rgb(236, 209, 164)  
}
```

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(236, 209, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 209, 164) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.3106, -1.5903, 24.4652 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(236, 209, 164) }
```



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

```
.border{ border-color:rgb(236, 209, 164) }
```

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

Here you see how a box with a 4 pixel rgb(236, 209, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 209, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 209, 164);  
box-shadow:4px 4px 4px 4px rgb(236, 209,  
164) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.3106, -1.5903, 24.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 209, 164) }
```

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

```
.background{ background-color: rgb(236,  
209, 164) }
```

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