

# Converting Colors

HunterLab(81.5282, -4.0148,  
4.3689)

Have a look what the booklet for  
HunterLab(81.5282, -4.0148, 4.3689)  
contains.

<b>HunterLab(81.6632, -4.0330, 4.5456)</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> .....	23
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**HunterLab(81.6632, -4.0330,  
4.5456)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6D5D5
RGB	214, 213, 213
RGB Percent	84%, 84%, 84%
CMY	0.1608, 0.1647, 0.1647
CMYK	0.00, 0.00, 0.00, 0.16
HSL	0°, 1%, 84%
HSV	0°, 0%, 84%
XYZ	63.5361, 66.6888, 72.4744
YIQ	213.2990, 0.5960, 0.2120

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">214, 213, 213</a>
Decimal	<a href="#">14079445</a>
CIELab	<a href="#">85.35, 0.34, 0.11</a>
CIELCh	<a href="#">85, 0.361, 18.129</a>
Yxy	<a href="#">66.6917, 0.3134, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4292269525</a> ( <a href="#">0xFFD6D5D5</a> )
YUV	<a href="#">213.2990, -0.1474, 0.6148</a>
Hunter-Lab	<a href="#">81.6632, -4.0330, 4.5456</a>

# Details

The HunterLab color  $81.6632, -4.0330, 4.5456$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $81.9106, -4.6921, 4.3408$ , and the grayscale version is  $81.7022, -4.3594, 4.4390$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $58.5605, -2.8176, 3.2846$  is the 20% darker color. If you saturate the color by 10%, you get  $74.5951, 3.4194, 6.5715$ , and if you desaturate by 10%, it is  $89.0465, -11.1867, 2.6429$ .

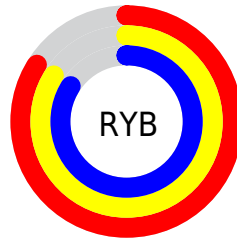
# Distribution



Red (84%)

Green (84%)

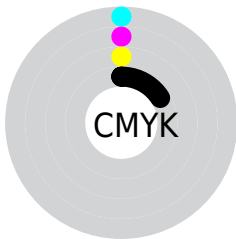
Blue (84%)



Red (84%)

Yellow (84%)

Blue (84%)

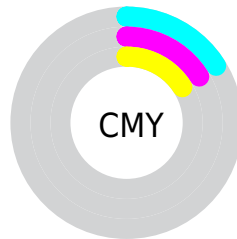


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.6632, -4.0330, 4.5456 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 81.6632, -4.0330, 4.5456 by changing the saturation by 10% instead.



■ 81.6632, -4.0330,  
4.5456

■ 81.6632, -4.0330,  
4.5456

211.8600,  
-10.8667, 11.6718

■ 69.8814, -3.4221,  
3.9003

106.9946, -5.3571,  
5.9353

■ 58.7264, -2.8437,  
3.2877

120.4892, -6.0634,  
6.6743

■ 48.2376, -2.3021,  
2.7110

134.5078, -6.7983,  
7.4417

■ 38.4604, -1.7998,  
2.1726

149.0315, -7.5606,  
8.2364

■ 29.4509, -1.3402,  
1.6754

164.0432, -8.3494,  
9.0576

■ 21.2811, -0.9276,  
1.2233

179.5277, -9.1639,

■ 14.0484, -0.5682,

9.9044

0.8212

195.4709,  
-10.0032, 10.7760

■ 7.6945, -0.2166,  
0.4794

0.0000, NaN, NaN

■ 81.6632, -4.0330,  
4.5456

■ 81.6632, -4.0330,  
4.5456

■ 74.5951, 3.4194,  
6.5715

■ 89.0465, -11.1867,  
2.6429

■ 67.8899, 11.2063,  
8.7296

■ 96.4554, -17.8956,  
0.9677

■ 61.6166, 19.3295,  
11.0261

■ 55.8592, 27.7370,  
13.4481

■ 50.7202, 36.2727,  
15.9487

■ 46.3176, 44.6154,  
18.4265

■ 42.7730, 52.2364,  
20.7116

■ 40.1845, 58.4478,  
22.5803

■ 38.5852, 62.6171,  
23.8263

# Harmonies

## Analogous

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



81.6650, -4.0252, 4.3780



81.6632, -4.0330, 4.5456



81.6650, -4.1323, 4.6883

# Triad

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



81.6650, -4.0349, 4.5469



81.6650, -4.6176, 4.6632



81.6650, -4.4325, 4.1247

# Complementary

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



81.6632, -4.0330, 4.5456



81.9106, -4.6921, 4.3408

# 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.



81.6650, -4.5911, 4.2014



81.6632, -4.0330, 4.5456



81.6650, -4.6979, 4.5125

# Square

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



81.6650, -4.0349, 4.5469



81.6650, -4.4687, 4.7553



81.6650, -4.6882, 4.3434



81.6650, -4.2548, 4.1339



# Rectangle

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



81.6632, -4.0330, 4.5456



81.6650, -4.2337, 4.7481



81.6650, -4.6882, 4.3434



81.6650, -4.4898, 4.1413

# Sweetspot

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



81.6650, -4.0349, 4.5469

100.0000, -5.3358, 5.4332



81.6950, -3.8625, 4.1009



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



81.6650, -4.0349, 4.5469



99.1092, -4.4369, 5.6749



81.8179, -4.2895, 4.7221



38.0632, -1.7262, 2.1719



29.4184, 50.2635, 19.0074



7.2427, 12.2834, 4.6780



# Inverse Universe

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



81.9106, -4.6921, 4.3408



99.7566, -6.1685, 5.1317



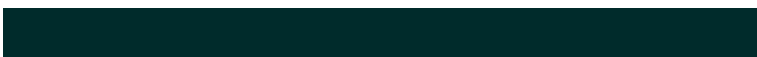
81.7574, -4.4378, 4.1645



38.2950, -2.3462, 1.9774



56.3673, -29.7490, -6.2346

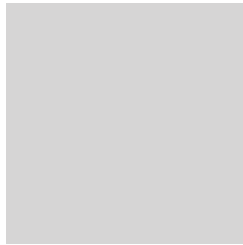


13.8525, -7.3170, -1.5191



# Previews

## White Background



This preview shows how the HunterLab color 81.6632, -4.0330, 4.5456 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 81.6632, -4.0330, 4.5456 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

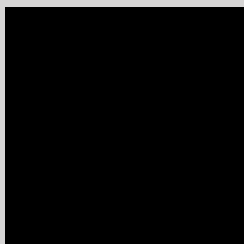
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

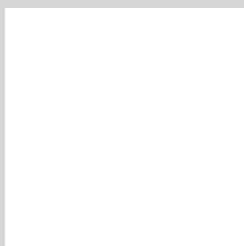
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 81.6632, -4.0330, 4.5456 Background



This preview shows how black text looks on a background with the HunterLab color 81.6632, -4.0330, 4.5456.



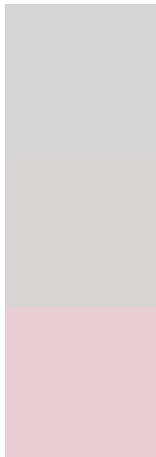
This preview shows how white text looks on a background with the HunterLab color 81.6632, -4.0330,

4.5456.

# 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

81.6632, -4.0330, 4.5456

### Protanopia

81.6040, -2.7211, 4.9810

### Deuteranopia

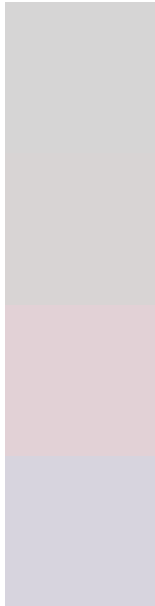
81.4379, 6.1203, 3.9721



## Tritanopia

81.6906, 0.1164, -2.4058

# Trichromacy



## Original Color

81.6632, -4.0330, 4.5456

## Protanomaly

81.5103, -3.0452, 4.8656

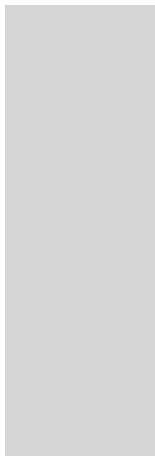
## Deuteranomaly

81.6240, 2.1513, 4.1229

## Tritanomaly

81.7361, -1.6278, 0.2077

# Monochromacy



## Original Color

81.6632, -4.0330, 4.5456

## Achromatopsia

81.5713, -4.3524, 4.4319

## Achromatomaly

81.5713, -4.3524, 4.4319

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.6632, -4.0330, 4.5456 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(214, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 213)  
}
```

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(214, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 213) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.6632, -4.0330, 4.5456 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(214, 213, 213) }
```

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

```
.border{ border-color:rgb(214, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
213) }
```



# Background

The CSS property to change the background color of an element to HunterLab 81.6632, -4.0330, 4.5456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 213) }
```

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

```
.background{ background-color: rgb(214,  
213, 213) }
```

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