

# Converting Colors

HunterLab(81.0895, -3.9404,  
4.5092)

Have a look what the booklet for  
HunterLab(81.0895, -3.9404, 4.5092)  
contains.

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# Color

**HunterLab(81.2321, -4.0102,  
4.5221)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5D4D4
RGB	213, 212, 212
RGB Percent	84%, 83%, 83%
CMY	0.1647, 0.1686, 0.1686
CMYK	0.00, 0.00, 0.00, 0.16
HSL	0°, 1%, 83%
HSV	0°, 0%, 84%
XYZ	62.8677, 65.9865, 71.7105
YIQ	212.2990, 0.5960, 0.2120

# Conversions

## Conversions Part 2

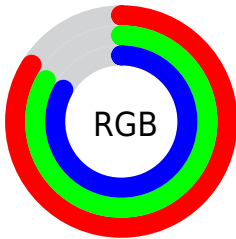
Format	Color
R <sub>Y</sub> B	213, 212, 212
Decimal	14013652
CIE Lab	84.99, 0.34, 0.11
CIE LCh	85, 0.362, 18.134
Yxy	65.9894, 0.3135, 0.3290
Android (android.graphics.Color)	4292203732 (0xFFD5D4D4)
YUV	212.2990, -0.1474, 0.6148
Hunter-Lab	81.2321, -4.0102, 4.5221

# Details

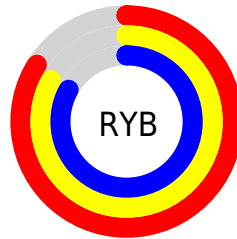
The HunterLab color  $81.2321, -4.0102, 4.5221$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $81.4794, -4.6689, 4.3174$ , and the grayscale version is  $81.2711, -4.3364, 4.4156$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $58.1527, -2.7962, 3.2623$  is the 20% darker color. If you saturate the color by 10%, you get  $74.2030, 3.4013, 6.5365$ , and if you desaturate by 10%, it is  $88.5746, -11.1247, 2.6302$ .

# Distribution



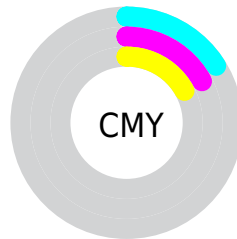
- Red (84%)
- Green (83%)
- Blue (83%)



- Red (84%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.2321, -4.0102, 4.5221 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 81.2321, -4.0102, 4.5221 by changing the saturation by 10% instead.



■ 81.2321, -4.0102,  
4.5221

■ 81.2321, -4.0102,  
4.5221

211.2673,  
-10.8350, 11.6396

■ 69.4721, -3.4005,  
3.8780

106.5228, -5.3320,  
5.9096

■ 58.3402, -2.8234,  
3.2666

119.9983, -6.0373,  
6.6476

■ 47.8760, -2.2831,  
2.6912

133.9986, -6.7711,  
7.4140

■ 38.1252, -1.7823,  
2.1542

148.5045, -7.5325,  
8.2078

■ 29.1443, -1.3243,  
1.6586

163.4991, -8.3203,  
9.0280

■ 21.0061, -0.9136,  
1.2081

178.9670, -9.1339,

■ 13.8091, -0.5563,

9.8739

0.8079

194.8940, -9.9723,  
10.7447

■ 7.4333, -0.1956,  
0.4674

0.0000, NaN, NaN

■ 81.2321, -4.0102,  
4.5221

■ 81.2321, -4.0102,  
4.5221

■ 74.2030, 3.4013,  
6.5365

■ 88.5746, -11.1247,  
2.6302

■ 67.5347, 11.1453,  
8.6824

■ 96.1836, -17.9752,  
0.8415

■ 61.2958, 19.2237,  
10.9660

■ 96.3776, -18.1765,  
0.8680

■ 55.5698, 27.5848,  
13.3744

■ 50.4585, 36.0734,  
15.8610

■ 46.0792, 44.3706,  
18.3253

■ 42.5528, 51.9511,  
20.5983

■ 39.9769, 58.1311,  
22.4579

■ 38.3845, 62.2817,  
23.6987

# Harmonies

## Analogous

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



81.2338, -4.0024, 4.3546



81.2321, -4.0102, 4.5221



81.2338, -4.1094, 4.6647

# Triad

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



81.2338, -4.0121, 4.5234



81.2338, -4.5944, 4.6395



81.2338, -4.4094, 4.1014

# Complementary

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



81.2321, -4.0102, 4.5221



81.4794, -4.6689, 4.3174

# 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.



81.2338, -4.5679, 4.1781



81.2321, -4.0102, 4.5221



81.2338, -4.6746, 4.4889

# Square

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



81.2338, -4.0121, 4.5234



81.2338, -4.4457, 4.7317



81.2338, -4.6649, 4.3200



81.2338, -4.2319, 4.1107



# Rectangle

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



81.2321, -4.0102, 4.5221



81.2338, -4.2108, 4.7244



81.2338, -4.6649, 4.3200



81.2338, -4.4667, 4.1180

# Sweetspot

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



81.2338, -4.0121, 4.5234

100.0000, -5.3358, 5.4332



81.2639, -3.8398, 4.0777



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



81.2338, -4.0121, 4.5234



99.1092, -4.4368, 5.6748



81.3867, -4.2665, 4.6985



38.0632, -1.7262, 2.1719



29.4182, 50.2643, 19.0073



7.2425, 12.2842, 4.6778



# Inverse Universe

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



81.4794, -4.6689, 4.3174



99.7566, -6.1686, 5.1318



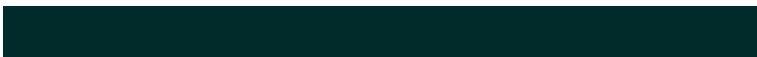
81.3262, -4.4147, 4.1412



38.2950, -2.3462, 1.9774



56.3693, -29.7515, -6.2319

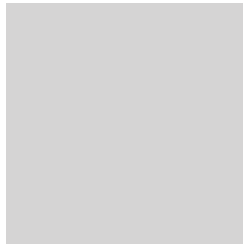


13.8529, -7.3175, -1.5186



# Previews

## White Background



This preview shows how the HunterLab color 81.2321, -4.0102, 4.5221 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 81.2321, -4.0102, 4.5221 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

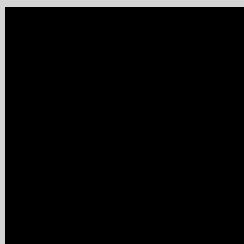
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

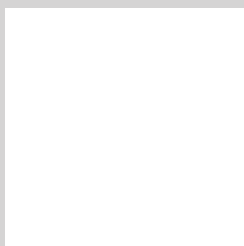
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 81.2321, -4.0102, 4.5221 Background



This preview shows how black text looks on a background with the HunterLab color 81.2321, -4.0102, 4.5221.



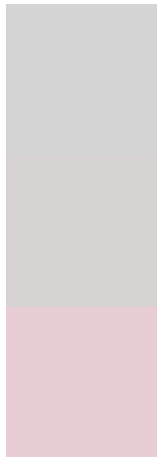
This preview shows how white text looks on a background with the HunterLab color 81.2321, -4.0102,

4.5221.

# 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

81.2321, -4.0102, 4.5221

### Protanopia

81.1730, -2.6995, 4.9572

### Deuteranopia

81.0077, 6.1355, 3.9500



## Tritanopia

81.2596, 0.1359, -2.4243

# Trichromacy



## Original Color

81.2321, -4.0102, 4.5221

## Protanomaly

81.0794, -3.0234, 4.8419

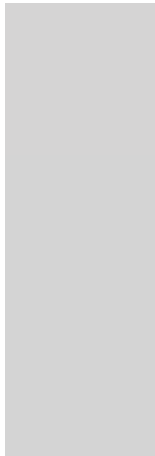
## Deuteranomaly

81.1932, 2.1692, 4.1001

## Tritanomaly

81.3051, -1.6070, 0.1876

# Monochromacy



## Original Color

81.2321, -4.0102, 4.5221

## Achromatopsia

81.1403, -4.3294, 4.4085

## Achromatomaly

81.1403, -4.3294, 4.4085

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.2321, -4.0102, 4.5221 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(213, 212, 212)` looks like.

```
.text, #text, p{  
    color:rgb(213, 212, 212)  
}
```

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(213, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 212) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.2321, -4.0102, 4.5221 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(213, 212, 212) }
```

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

```
.border{ border-color:rgb(213, 212, 212) }
```

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

Here you see how a box with a 4 pixel rgb(213, 212, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(213, 212,  
212) }
```



# Background

The CSS property to change the background color of an element to HunterLab 81.2321, -4.0102, 4.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 212, 212) }
```

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

```
.background{ background-color: rgb(213,  
212, 212) }
```

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](#).

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