

# Converting Colors

HunterLab(70.6873, -8.1095,  
18.8578)

Have a look what the booklet for  
HunterLab(70.6873, -8.1095,  
18.8578) contains.

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# Color

**HunterLab(70.6873, -8.1095,  
18.8578)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1BD97
RGB	193, 189, 151
RGB Percent	76%, 74%, 59%
CMY	0.2431, 0.2588, 0.4078
CMYK	0.00, 0.02, 0.22, 0.24
HSL	54°, 25%, 67%
HSV	54°, 22%, 76%
XYZ	45.7758, 49.9669, 36.5100
YIQ	185.8640, 14.5820, -10.9700

# Conversions

## Conversions Part 2

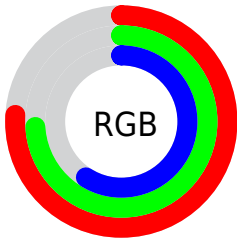
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 193, 151
Decimal	12696983
CIELab	76.05, -4.84, 19.76
CIElCh	76, 20.344, 103.764
Yxy	49.9692, 0.3461, 0.3778
Android (android.graphics.Color)	4290887063 (0xFFC1BD97)
YUV	185.8640, -17.1880, 6.2583
Hunter-Lab	70.6873, -8.1095, 18.8578

# Details

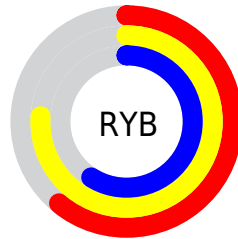
The HunterLab color **70.6873, -8.1095, 18.8578** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.1992, 2.7665, -15.4875**, and the grayscale version is **70.0826, -3.7394, 3.8077**.

A 20% lighter version of the original color is **94.8876, -9.7350, 22.2094**, and **49.0075, -6.5364, 15.4976** is the 20% darker color. If you saturate the color by 10%, you get **69.7191, -9.5023, 24.3209**, and if you desaturate by 10%, it is **71.7241, -6.3760, 12.5234**.

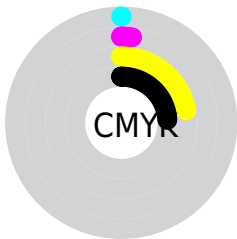
# Distribution



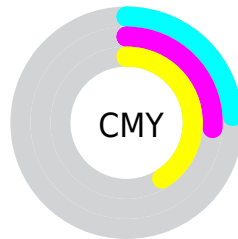
- Red (76%)
- Green (74%)
- Blue (59%)



- Red (61%)
- Yellow (76%)
- Blue (59%)



- Cyan (0%)
- Magenta (2%)
- Yellow (22%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.6873, -8.1095, 18.8578 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 70.6873, -8.1095, 18.8578 by changing the saturation by 10% instead.



■ 70.6873, -8.1095,  
18.8578

■ 70.6873, -8.1095,  
18.8578

196.6076,  
-16.6358, 33.1952

■ 59.4886, -7.2649,  
17.1876

■ 94.9364, -9.8650,  
22.1155

■ 48.9516, -6.4376,  
15.4731

■ 107.9249,  
-10.7722, 23.7163

■ 39.1227, -5.6285,  
13.6984

121.4569,  
-11.6997, 25.3059

■ 30.0572, -4.8353,  
11.8384

135.5116,  
-12.6474, 26.8880

■ 21.8257, -4.0539,  
9.8539

150.0701,  
-13.6151, 28.4658

■ 14.5232, -3.2760,  
7.9077

165.1155,

■ 8.1842, -3.0143,

-14.6026, 30.0416

5.7289

180.6327,  
-15.6095, 31.6176

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.6873, -8.1095,  
18.8578

■ 70.6873, -8.1095,  
18.8578

■ 69.7191, -9.5023,  
24.3209

■ 71.7241, -6.3760,  
12.5234

■ 68.8139, -10.5495,  
28.9093

■ 72.8252, -4.2977,  
5.3239

■ 67.9718, -11.2582,  
32.6331

■ 73.9922, -1.8815,  
-2.7238

■ 67.1909, -11.6378,  
35.5131

■ 75.2249, 0.8652,  
-11.5981

■ 66.4681, -11.7033,

■ 76.5225, 3.9333,

37.5840

-21.2727

■ 65.7997, -11.4759,  
38.8976

■ 77.3796, 4.6128,  
-24.7288

■ 65.1804, -10.9857,  
39.5291

■ 77.9307, 3.6386,  
-23.8938

■ 64.6971, -10.4405,  
39.6833

■ 78.4843, 2.6667,  
-23.0619

■ 79.0406, 1.6973,  
-22.2330

# Harmonies

## Analogous

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



70.6889, 1.4565, 18.7083



70.6873, -8.1095, 18.8578



70.6889, -16.0887, 15.3844

# Triad

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



70.6889, -8.1115, 18.8587



70.6889, -16.6112, -9.3988



70.6889, 14.8229, -1.2366

# Complementary

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



70.6873, -8.1095, 18.8578



58.1992, 2.7665, -15.4875

# 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.



70.6889, 9.4427, -10.0354



70.6873, -8.1095, 18.8578



70.6889, -8.8598, -15.1601

# Square

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



70.6889, -8.1115, 18.8587



70.6889, -20.8161, -0.4563



70.6889, 0.6675, -15.4075



70.6889, 15.0497, 7.8972



# Rectangle

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



70.6873, -8.1095, 18.8578



70.6889, -19.5737, 11.1743



70.6889, 0.6675, -15.4075



70.6889, 13.5446, -4.3579

# Sweetspot

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



70.6889, -8.1115, 18.8587



96.6617, -7.2958, 12.4210



59.8703, 11.4813, 6.2951



44.7303, -3.4565, 6.0214



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594



# Same Dimension

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



70.6889, -8.1115, 18.8587



93.9879, -11.7777, 28.7803



70.4472, -15.3269, 18.4992



34.0429, -2.7951, 5.1458



52.8239, -8.6087, 32.3991



11.1990, -2.1261, 6.8635



# Inverse Universe

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



58.1992, 2.7665, -15.4875



73.8305, 5.9065, -26.9669



58.5551, 9.7061, -14.8343



31.4622, -0.5725, -1.8893



17.0605, 38.9585, -105.4242



4.2322, 5.7046, -17.6043



# Previews

## White Background



This preview shows how the HunterLab color 70.6873, -8.1095, 18.8578 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

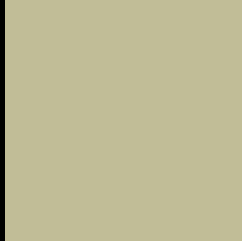
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.6873, -8.1095, 18.8578 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

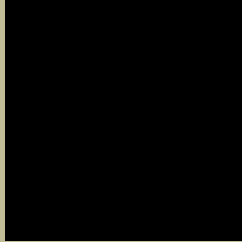
Any Text WCAG AA ✓ Pass

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 70.6873, -8.1095, 18.8578 Background



This preview shows how black text looks on a background with the HunterLab color 70.6873, -8.1095, 18.8578.



This preview shows how white text looks on a background with the HunterLab color 70.6873, -8.1095,



# 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

70.6873, -8.1095, 18.8578

### Protanopia

70.6292, -5.2520, 19.2076

### Deuteranopia

70.4941, 4.9796, 18.1782



## Tritanopia

70.7392, 3.7992, -0.6182

# Trichromacy



## Original Color

70.6873, -8.1095, 18.8578

## Protanomaly

70.7381, -6.4180, 19.2916

## Deuteranomaly

70.3874, 0.1039, 18.3519

## Tritanomaly

70.6141, -0.6893, 7.2446

# Monochromacy



## Original Color

70.6873, -8.1095, 18.8578

## Achromatopsia

70.0729, -3.7389, 3.8072

## Achromatomaly

70.2685, -5.3574, 9.8470

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.6873, -8.1095, 18.8578 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(193, 189, 151)` looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 151)  
}
```

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(193, 189, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 151) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.6873, -8.1095, 18.8578 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(193, 189, 151) }
```



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

```
.border{ border-color:rgb(193, 189, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 189, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 189, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 189, 151);  
box-shadow:4px 4px 4px 4px rgb(193, 189,  
151) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.6873, -8.1095, 18.8578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 189, 151) }
```

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

```
.background{ background-color: rgb(193,  
189, 151) }
```

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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