

# Converting Colors

HunterLab(71.7062, -2.8154,  
5.0420)

Have a look what the booklet for  
HunterLab(71.7062, -2.8154, 5.0420)  
contains.

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# Color

**HunterLab(71.6383, -2.8771,  
5.1829)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C1BDBB
RGB	193, 189, 187
RGB Percent	76%, 74%, 73%
CMY	0.2431, 0.2588, 0.2667
CMYK	0.00, 0.02, 0.03, 0.24
HSL	20°, 5%, 75%
HSV	20°, 3%, 76%
XYZ	49.1595, 51.3205, 54.3285
YIQ	189.9680, 3.0260, 0.2260

# Conversions

## Conversions Part 2

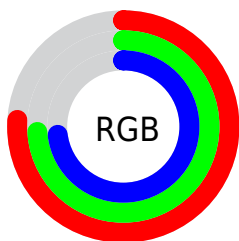
Format	Color
<a href="#">RYB</a>	<a href="#">193, 190, 187</a>
Decimal	<a href="#">12697019</a>
CIELab	<a href="#">76.87, 1.04, 1.50</a>
CIELCh	<a href="#">77, 1.821, 55.264</a>
Yxy	<a href="#">51.3227, 0.3175, 0.3315</a>
Android (android.graphics.Color)	<a href="#">4290887099</a> ( <a href="#">0xFFC1BDBB</a> )
YUV	<a href="#">189.9680, -1.4632, 2.6591</a>
Hunter-Lab	<a href="#">71.6383, -2.8771, 5.1829</a>

# Details

The HunterLab color **71.6383, -2.8771, 5.1829** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8859, -4.7495, 2.6003**, and the grayscale version is **71.7507, -3.8284, 3.8983**.

A 20% lighter version of the original color is **95.8726, -4.1265, 6.5653**, and **49.9049, -1.7677, 3.9244** is the 20% darker color. If you saturate the color by 10%, you get **67.2776, 0.5624, 8.9470**, and if you desaturate by 10%, it is **76.1472, -6.0701, 1.1999**.

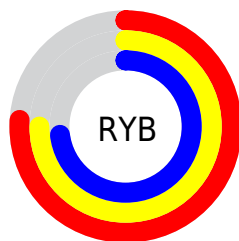
# Distribution



Red (76%)

Green (74%)

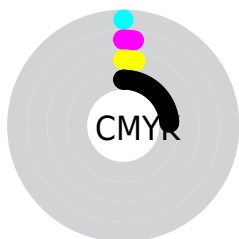
Blue (73%)



Red (76%)

Yellow (75%)

Blue (73%)

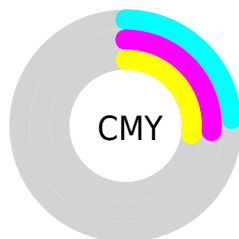


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (24%)



Cyan (24%)

Magenta (26%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.6383, -2.8771, 5.1829 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 71.6383, -2.8771, 5.1829 by changing the saturation by 10% instead.





 71.6383, -2.8771,  
5.1829

 71.6383, -2.8771,  
5.1829


197.9435, -9.2445,  
12.5854

 60.3867, -2.3300,  
4.4990


 95.9852, -4.0826,  
6.6431

 49.7935, -1.8196,  
3.8453


109.0193, -4.7337,  
7.4150

 39.9044, -1.3508,  
3.2242


122.5952, -5.4155,  
8.2139

 30.7735, -0.9273,  
2.6374

136.6920, -6.1267,  
9.0389

 22.4701, -0.5544,  
2.0863

151.2912, -6.8662,  
9.8892

 15.0867, -0.2394,  
1.5724

166.3761, -7.6330,

 8.7235, 0.0523,


10.7642


1.1859


181.9314, -8.4260,  
11.6631


0.0000, NaN, NaN


0.0000, NaN, NaN


 71.6383, -2.8771,  
5.1829

 71.6383, -2.8771,  
5.1829


 67.2776, 0.5624,  
8.9470


 76.1472, -6.0701,  
1.1999


 63.0770, 4.2789,  
12.4511

 80.7855, -9.0366,  
-2.9749

 59.0575, 8.2938,  
15.6502

 85.5427, -11.8023,  
-7.3157

 55.2416, 12.6242,  
18.4886


 90.0720, -16.2706,  
-7.0586


 51.6550, 17.2755,


 94.3328, -22.6781,


20.9007


-1.7323

 48.3270, 22.2327,  
22.8130

 94.9092, -23.5258,  
-1.0309

 45.2893, 27.4492,  
24.1498

 42.5749, 32.8333,  
24.8462

 40.2151, 38.2357,  
24.8733

# Harmonies

## Analogous

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



71.6398, -2.3203, 4.5696



71.6383, -2.8771, 5.1829



71.6398, -3.6894, 5.4542

# Triad

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



71.6398, -2.8789, 5.1840



71.6398, -5.4718, 4.0297



71.6398, -3.1171, 2.4580

# Complementary

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



71.6383, -2.8771, 5.1829



71.8859, -4.7495, 2.6003

# 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.



71.6398, -3.9632, 2.3093



71.6383, -2.8771, 5.1829



71.6398, -5.3201, 3.2229

# Square

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



71.6398, -2.8789, 5.1840



71.6398, -5.1843, 4.7927



71.6398, -4.7690, 2.5908



71.6398, -2.4583, 2.9947



# Rectangle

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



71.6383, -2.8771, 5.1829



71.6398, -4.2625, 5.4050



71.6398, -4.7690, 2.5908



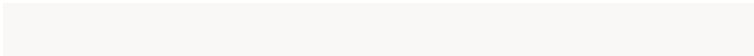
71.6398, -3.3892, 2.3607

# Sweetspot

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



71.6398, -2.8789, 5.1840



97.1213, -4.7731, 5.8447



71.1621, -1.2045, 2.7611



44.9986, -2.2212, 2.6947



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

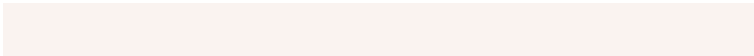


# Same Dimension

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



71.6398, -2.8789, 5.1840



95.3085, -3.4283, 7.4316



72.5432, -4.3827, 6.1989



33.5513, -1.1131, 2.7397



31.8527, 33.5289, 20.2144



7.5283, 4.6673, 4.7206



# Inverse Universe

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



71.8859, -4.7495, 2.6003



95.7384, -6.6970, 2.9169



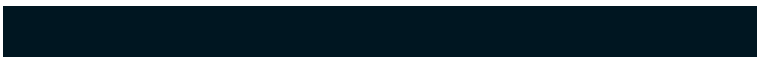
70.9804, -3.2473, 1.5378



33.7264, -2.4444, 0.9009



36.1633, -5.7294, -32.8329

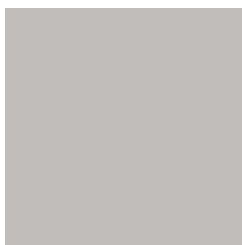


8.2920, -2.3465, -5.2987



# Previews

## White Background



This preview shows how the HunterLab color 71.6383, -2.8771, 5.1829 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

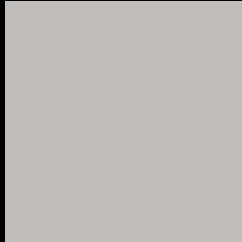
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.6383, -2.8771, 5.1829 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

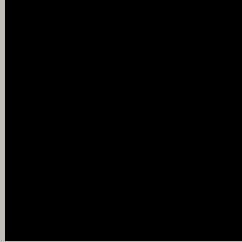
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

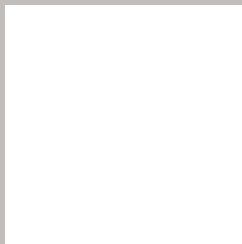
Any Text WCAG AAA ✓ Pass

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

## HunterLab 71.6383, -2.8771, 5.1829 Background



This preview shows how black text looks on a background with the HunterLab color 71.6383, -2.8771, 5.1829.



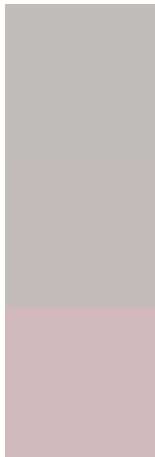
This preview shows how white text looks on a background with the HunterLab color 71.6383, -2.8771, 5.1829.



# 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

71.6383, -2.8771, 5.1829

### Protanopia

71.7303, -2.5585, 5.2951

### Deuteranopia

71.6392, 4.7705, 4.8516



## Tritanopia

71.6657, 1.1604, -1.5355

# Trichromacy

	<b>Original Color</b> 71.6383, -2.8771, 5.1829
	<b>Protanomaly</b> 71.7303, -2.5585, 5.2951
	<b>Deuteranomaly</b> 71.7253, 2.0610, 4.9045
	<b>Tritanomaly</b> 71.7086, -0.5423, 0.9968

# Monochromacy

	<b>Original Color</b> 71.6383, -2.8771, 5.1829
	<b>Achromatopsia</b> 71.7578, -3.8288, 3.8987
	<b>Achromatomaly</b> 71.8174, -3.6821, 4.4430

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.6383, -2.8771, 5.1829 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, 187) looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 187) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.6383, -2.8771, 5.1829 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, 187) }
```



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

```
.border{ border-color:rgb(193, 189, 187) }
```

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, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 189, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 189, 187);  
box-shadow:4px 4px 4px 4px rgb(193, 189,  
187) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.6383, -2.8771, 5.1829 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, 187) }
```

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

```
.background{ background-color: rgb(193,  
189, 187) }
```

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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