

# Converting Colors

HunterLab(71.6990, 7.9509,  
-6.6422)

Have a look what the booklet for  
HunterLab(71.6990, 7.9509, -6.6422)  
contains.

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# Color

**HunterLab(71.6990, 7.9509,  
-6.6422)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCB7D3
RGB	204, 183, 211
RGB Percent	80%, 72%, 83%
CMY	0.2000, 0.2823, 0.1725
CMYK	0.03, 0.13, 0.00, 0.17
HSL	285°, 24%, 77%
HSV	285°, 13%, 83%
XYZ	53.5932, 51.4075, 68.7260
YIQ	192.4710, 3.5280, 13.1600

# Conversions

## Conversions Part 2

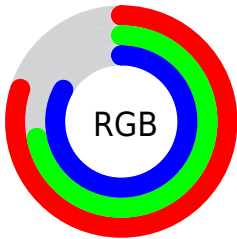
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 183, 211
Decimal	13416403
CIE <sub>Lab</sub>	76.93, 12.53, -11.34
CIE <sub>LCh</sub>	77, 16.903, 317.850
Yxy	51.4097, 0.3085, 0.2959
Android (android.graphics.Color)	4291606483 (0xFFCCB7D3)
YUV	192.4710, 9.1348, 10.1109
Hunter-Lab	71.6990, 7.9509, -6.6422

# Details

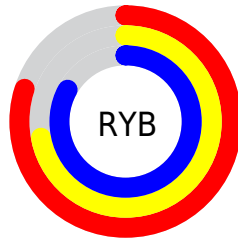
The HunterLab color  $71.6990, 7.9509, -6.6422$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $78.0743, -15.2772, 13.8184$ , and the grayscale version is  $72.7648, -3.8825, 3.9535$ .

A 20% lighter version of the original color is  $94.9805, 3.2181, -0.4744$ , and  $49.8494, 7.8731, -6.5543$  is the 20% darker color. If you saturate the color by 10%, you get  $65.2801, 17.3981, -15.4438$ , and if you desaturate by 10%, it is  $78.4439, -1.3181, 1.7331$ .

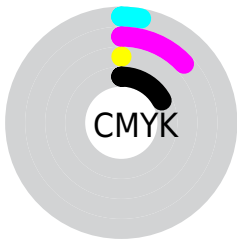
# Distribution



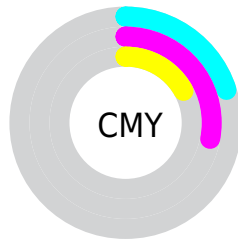
- Red (80%)
- Green (72%)
- Blue (83%)



- Red (80%)
- Yellow (72%)
- Blue (83%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (28%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.6990, 7.9509, -6.6422 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 71.6990, 7.9509, -6.6422 by changing the saturation by 10% instead.



71.6990, 7.9509,  
-6.6422

71.6990, 7.9509,  
-6.6422

198.0286, 5.6986,  
-3.5164

60.4440, 7.9402,  
-6.7534

96.0521, 7.7833,  
-6.2529

49.8472, 7.8610,  
-6.8053

109.0891, 7.6186,  
-5.9853

39.9543, 7.7025,  
-6.7906

122.6677, 7.4049,  
-5.6727

30.8193, 7.4528,  
-6.7024

136.7673, 7.1453,  
-5.3178

22.5113, 7.0954,  
-6.5330

151.3691, 6.8426,  
-4.9228

15.1228, 6.6066,  
-6.2761

166.4564, 6.4993,

8.7568, 6.0764,

-4.4897

-6.0024

182.0142, 6.1173,  
-4.0204

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 71.6990, 7.9509,  
-6.6422

■ 71.6990, 7.9509,  
-6.6422

■ 65.2801, 17.3981,  
-15.4438

■ 78.4439, -1.3181,  
1.7331

■ 59.2386, 26.9908,  
-24.7072

■ 85.4657, -10.4009,  
9.7279

■ 53.6458, 36.6235,  
-34.4154

■ 92.7304, -19.3137,  
17.3977

■ 48.5871, 46.0801,  
-44.4587

■ 96.0455, -21.9990,  
20.7535

■ 44.1614, 54.9762,

■ 96.4930, -20.3679,

-54.5666

21.2342

■ 40.4735, 62.7227,  
-64.2430

■ 96.9520, -18.7029,  
21.7255

■ 37.6121, 68.5795,  
-72.7719

■ 97.4226, -17.0047,  
22.2273

■ 35.6132, 71.8883,  
-79.3985

■ 97.9046, -15.2740,  
22.7393

■ 34.6371, 72.8952,  
-82.8735

■ 98.3981, -13.5116,  
23.2614

# Harmonies

## Analogous

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



71.7005, 0.9524, -11.4892



71.6990, 7.9509, -6.6422



71.7005, 11.8556, 0.7505

# Triad

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



71.7005, 7.9492, -6.6408



71.7005, -0.5594, 16.7984



71.7005, -17.9078, -0.7346

# Complementary

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



71.6990, 7.9509, -6.6422



78.0743, -15.2772, 13.8184

# 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.



71.7005, -18.2725, 6.9183



71.6990, 7.9509, -6.6422



71.7005, -8.4895, 16.4942

# Square

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



71.7005, 7.9492, -6.6408



71.7005, 6.8007, 13.9369



71.7005, -14.8939, 13.0545



71.7005, -13.8745, -7.8303



# Rectangle

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



71.6990, 7.9509, -6.6422



71.7005, 12.0732, 5.8751



71.7005, -14.8939, 13.0545



71.7005, -18.4569, 1.8729

# Sweetspot

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



71.7005, 7.9492, -6.6408



96.5315, -0.7514, 1.3607



71.9737, -2.4386, -6.4610



44.3610, 0.0532, 0.2713

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.7005, 7.9492, -6.6408



86.4817, 13.2284, -11.3399



72.1804, 9.0896, -2.5308



34.4297, 2.0142, -1.5557



27.0015, 56.7524, -64.0357



6.6620, 13.7910, -14.1611



# Inverse Universe

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



71.7188, 6.6358, 4.0340



86.5205, 11.2562, 4.9890



77.6881, -16.3206, 10.6090



34.4326, 1.5795, 1.8936



29.1985, 50.5778, 14.4145



6.9976, 12.3031, 2.0454



# Previews

## White Background



This preview shows how the HunterLab color 71.6990, 7.9509, -6.6422 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

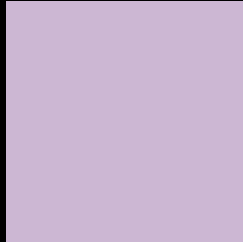
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.6990, 7.9509, -6.6422 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

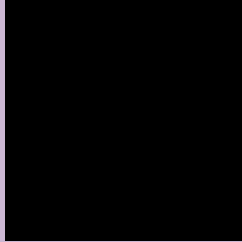
Any Text WCAG AA ✓ Pass

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 71.6990, 7.9509, -6.6422 Background



This preview shows how black text looks on a background with the HunterLab color 71.6990, 7.9509, -6.6422.



This preview shows how white text looks on a background with the HunterLab color 71.6990, 7.9509, -6.6422.

-6.6422.

# 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

71.6990, 7.9509, -6.6422

### Protanopia

71.9309, -0.0323, -8.6689

### Deuteranopia

71.7936, 5.2896, -6.5634



## Tritanopia

71.6784, 4.0948, -0.4545

# Trichromacy



## Original Color

71.6990, 7.9509, -6.6422

## Protanomaly

71.9258, 2.9321, -8.0704

## Deuteranomaly

71.6949, 6.4533, -6.6738

## Tritanomaly

71.6165, 5.6453, -2.5466

# Monochromacy



## Original Color

71.6990, 7.9509, -6.6422

## Achromatopsia

72.6027, -3.8739, 3.9446

## Achromatomaly

72.2873, 0.1024, 0.2271

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.6990, 7.9509, -6.6422 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(204, 183, 211)` looks like.

```
.text, #text, p{  
    color:rgb(204, 183, 211)  
}
```

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(204, 183, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 183, 211) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.6990, 7.9509, -6.6422 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(204, 183, 211) }
```



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

```
.border{ border-color:rgb(204, 183, 211) }
```

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

Here you see how a box with a 4 pixel rgb(204, 183, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 183, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 183, 211);  
box-shadow:4px 4px 4px 4px rgb(204, 183,  
211) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.6990, 7.9509, -6.6422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 183, 211) }
```

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

```
.background{ background-color: rgb(204,  
183, 211) }
```

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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