

# Converting Colors

HunterLab(72.0500, -9.6462,  
20.8298)

Have a look what the booklet for  
HunterLab(72.0500, -9.6462,  
20.8298) contains.

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# Color

**HunterLab(72.0500, -9.6462,  
20.8298)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C195
RGB	195, 193, 149
RGB Percent	76%, 76%, 58%
CMY	0.2353, 0.2431, 0.4157
CMYK	0.00, 0.01, 0.24, 0.24
HSL	57°, 28%, 67%
HSV	57°, 24%, 76%
XYZ	47.0005, 51.9120, 35.9766
YIQ	188.5820, 15.3160, -13.2600

# Conversions

## Conversions Part 2

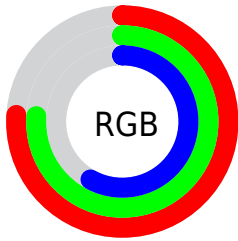
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 195, 149
Decimal	12829077
CIE Lab	77.23, -6.46, 22.47
CIE LCh	77, 23.383, 106.035
Yxy	51.9143, 0.3484, 0.3849
Android (android.graphics.Color)	4291019157 (0xFFC3C195)
YUV	188.5820, -19.5139, 5.6286
Hunter-Lab	72.0500, -9.6462, 20.8298

# Details

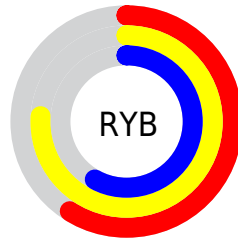
The HunterLab color  $72.0500, -9.6462, 20.8298$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $56.9756, 4.6543, -18.5377$ , and the grayscale version is  $71.2362, -3.8010, 3.8704$ .

A 20% lighter version of the original color is  $96.3113, -11.3792, 24.3655$ , and  $50.2998, -7.9401, 17.2349$  is the 20% darker color. If you saturate the color by 10%, you get  $71.3931, -11.4611, 26.3979$ , and if you desaturate by 10%, it is  $72.7773, -7.4748, 14.3337$ .

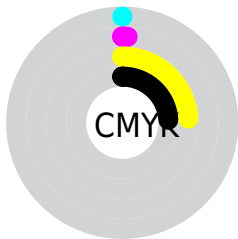
# Distribution



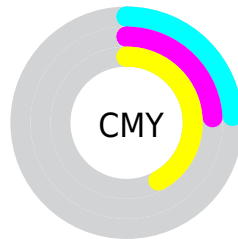
- Red (76%)
- Green (76%)
- Blue (58%)



- Red (59%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (1%)
- Yellow (24%)
- Black (24%)



- Cyan (24%)
- Magenta (24%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.0500, -9.6462, 20.8298 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 72.0500, -9.6462, 20.8298 by changing the saturation by 10% instead.



■ 72.0500, -9.6462,  
20.8298

■ 72.0500, -9.6462,  
20.8298

198.5210,  
-18.7989, 36.2567

■ 60.7757, -8.7155,  
19.0053

■ 96.4391, -11.5610,  
24.3696

■ 50.1583, -7.7967,  
17.1257

■ 109.4928,  
-12.5425, 26.1007

■ 40.2433, -6.8894,  
15.1727

123.0875,  
-13.5413, 27.8145

■ 31.0844, -5.9898,  
13.1183

137.2025,  
-14.5577, 29.5157

■ 22.7502, -5.0912,  
10.9201

151.8193,  
-15.5916, 31.2078

■ 15.3321, -4.1815,  
8.7768

166.9211,

■ 8.9463, -3.6237,

-16.6432, 32.8938

6.2624

182.4930,  
-17.7123, 34.5761

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.0500, -9.6462,  
20.8298

■ 72.0500, -9.6462,  
20.8298

■ 71.3931, -11.4611,  
26.3979

■ 72.7773, -7.4748,  
14.3337

■ 70.8000, -12.9184,  
31.0464

■ 73.5715, -4.9396,  
6.9056

■ 70.2699, -14.0291,  
34.7982

■ 74.4350, -2.0445,  
-1.4465

■ 69.7999, -14.8072,  
37.6873

■ 75.3683, 1.2053,  
-10.7081

■ 69.3861, -15.2719,

■ 76.3715, 4.8024,

39.7620

-20.8581

■ 69.0237, -15.4489,  
41.0878

■ 76.9723, 6.2215,  
-25.3354

■ 68.7067, -15.3726,  
41.7534

■ 77.2239, 5.7703,  
-24.9507

■ 68.5189, -15.2371,  
41.9543

■ 77.4761, 5.3197,  
-24.5667

■ 77.7289, 4.8695,  
-24.1833

# Harmonies

## Analogous

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



72.0516, 1.3740, 20.9709



72.0500, -9.6462, 20.8298



72.0516, -18.5728, 16.6387

# Triad

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



72.0516, -9.6483, 20.8307



72.0516, -18.0718, -12.2715



72.0516, 18.0509, -1.1508

# Complementary

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



72.0500, -9.6462, 20.8298



56.9756, 4.6543, -18.5377

# 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.



72.0516, 12.1626, -11.6410



72.0500, -9.6462, 20.8298



72.0516, -8.9261, -18.6886

# Square

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



72.0516, -9.6483, 20.8307



72.0516, -23.2313, -1.9133



72.0516, 2.1410, -18.4418



72.0516, 17.8284, 9.3066



# Rectangle

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



72.0500, -9.6462, 20.8298



72.0516, -22.3290, 11.6894



72.0516, 2.1410, -18.4418



72.0516, 16.7059, -4.8199

# Sweetspot

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



72.0516, -9.6483, 20.8307



98.0750, -7.8598, 12.8821



59.4490, 12.6564, 7.5256



45.8645, -3.7777, 6.3196

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.0516, -9.6483, 20.8307



95.9875, -14.1476, 31.6420



70.8758, -17.0901, 19.5877



34.1775, -3.0144, 5.2870



55.2691, -12.3285, 33.8407



11.5905, -2.7143, 7.0945



# Inverse Universe

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



56.9756, 4.6543, -18.5377



71.8333, 8.9528, -31.9029



58.2653, 11.7287, -16.4300



31.3313, -0.3499, -2.0549



16.4687, 41.3916, -109.9370



3.7665, 7.2577, -20.3751



# Previews

## White Background



This preview shows how the HunterLab color 72.0500, -9.6462, 20.8298 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

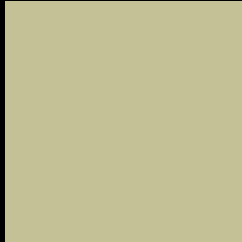
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.0500, -9.6462, 20.8298 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

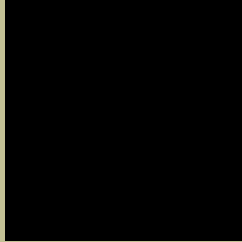
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

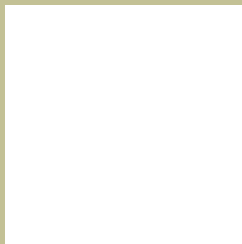
Any Text WCAG AAA ✓ Pass

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

## HunterLab 72.0500, -9.6462, 20.8298 Background



This preview shows how black text looks on a background with the HunterLab color 72.0500, -9.6462, 20.8298.



This preview shows how white text looks on a background with the HunterLab color 72.0500, -9.6462,



# 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

72.0500, -9.6462, 20.8298

### Protanopia

71.8760, -5.6156, 21.0803

### Deuteranopia

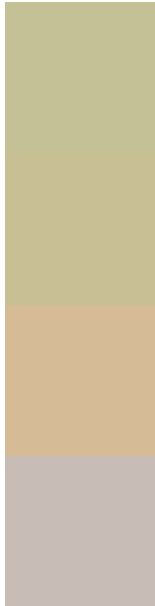
71.9648, 5.3998, 20.3174



## Tritanopia

72.0357, 3.9268, -1.0244

# Trichromacy



## Original Color

72.0500, -9.6462, 20.8298

## Protanomaly

71.8882, -7.1269, 21.0653

## Deuteranomaly

72.0339, -0.3852, 20.6308

## Tritanomaly

72.0519, -1.7403, 7.9502

# Monochromacy



## Original Color

72.0500, -9.6462, 20.8298

## Achromatopsia

71.3359, -3.8063, 3.8758

## Achromatomaly

71.3858, -6.0531, 10.6224

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.0500, -9.6462, 20.8298 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(195, 193, 149)` looks like.

```
.text, #text, p{  
    color:rgb(195, 193, 149)  
}
```

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(195, 193, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 149) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.0500, -9.6462, 20.8298 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(195, 193, 149) }
```



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

```
.border{ border-color:rgb(195, 193, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 193, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 193, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 193, 149);  
box-shadow:4px 4px 4px 4px rgb(195, 193,  
149) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.0500, -9.6462, 20.8298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 149) }
```

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

```
.background{ background-color: rgb(195,  
193, 149) }
```

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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