

Converting Colors

HunterLab(72.2142, -12.0507,
19.5437)

Have a look what the booklet for
HunterLab(72.2142, -12.0507,
19.5437) contains.

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Color

**HunterLab(72.2142,
-12.0507, 19.5437)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC399
RGB	189, 195, 153
RGB Percent	74%, 76%, 60%
CMY	0.2588, 0.2353, 0.4000
CMYK	0.03, 0.00, 0.22, 0.24
HSL	69°, 26%, 68%
HSV	69°, 22%, 76%
XYZ	46.2511, 52.1489, 37.7651
YIQ	188.4180, 9.9060, -14.3340

Conversions

Conversions Part 2

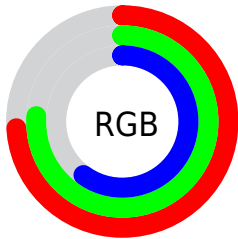
Format	Color
RYB	153, 195, 159
Decimal	12436377
CIELab	77.37, -9.18, 20.46
CIELCh	77, 22.428, 114.166
Yxy	52.1512, 0.3397, 0.3830
Android (android.graphics.Color)	4290626457 (0xFFBDC399)
YUV	188.4180, -17.4611, 0.5104
Hunter-Lab	72.2142, -12.0507, 19.5437

Details

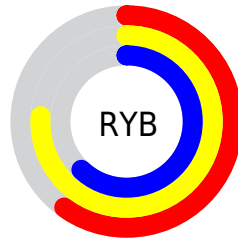
The HunterLab color $72.2142, -12.0507, 19.5437$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $58.3909, 6.4663, -16.3343$, and the grayscale version is $71.1602, -3.7969, 3.8663$.

A 20% lighter version of the original color is $96.8084, -14.3859, 23.2474$, and $50.1597, -9.7927, 15.8782$ is the 20% darker color. If you saturate the color by 10%, you get $71.5580, -15.2549, 25.2899$, and if you desaturate by 10%, it is $72.9446, -8.4919, 12.8698$.

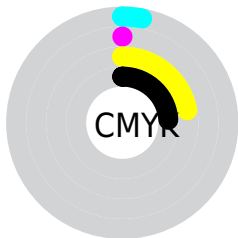
Distribution



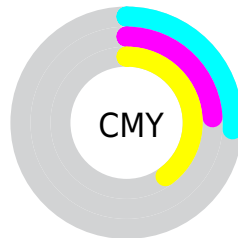
- Red (74%)
- Green (76%)
- Blue (60%)



- Red (60%)
- Yellow (76%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.2142, -12.0507, 19.5437 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 72.2142, -12.0507, 19.5437 by changing the saturation by 10% instead.

■ 72.2142, -12.0507,
19.5437

■ 72.2142, -12.0507,
19.5437

198.7511,
-22.2307, 34.1543

■ 60.9308, -10.9773,
17.8374

■ 96.6200, -14.2280,
22.8694

■ 50.3038, -9.9063,
16.0855

■ 109.6815,
-15.3315, 24.5025

■ 40.3785, -8.8352,
14.2721

123.2838,
-16.4473, 26.1231

■ 31.2085, -7.7569,
12.3721

137.4060,
-17.5761, 27.7353

■ 22.8620, -6.6600,
10.3476

152.0298,
-18.7185, 29.3423

■ 15.4301, -5.5240,
8.2524

167.1384,

■ 9.0335, -4.9114,

-19.8749, 30.9464

6.3234

182.7167,
-21.0456, 32.5499

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.2142, -12.0507,
19.5437

■ 72.2142, -12.0507,
19.5437

■ 71.5580, -15.2549,
25.2899

■ 72.9446, -8.4919,
12.8698

■ 70.9696, -18.0990,
30.1144

■ 73.7454, -4.5759,
5.2663

■ 70.4483, -20.5897,
34.0377

■ 74.6192, -0.3110,
-3.2563

■ 69.9912, -22.7365,
37.0914

■ 75.5660, 4.2936,
-12.6812

■ 69.5947, -24.5545,

■ 76.5859, 9.2263,

39.3211

-22.9852

■ 69.2543, -26.0653,
40.7890

■ 77.0292, 11.0586,
-25.1617

■ 68.9640, -27.2996,
41.5789

■ 77.2896, 11.9117,
-24.7410

■ 68.7473, -28.1856,
41.8683

■ 77.5537, 12.7742,
-24.3160

■ 77.8215, 13.6459,
-23.8869

Harmonies

Analogous

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



72.2158, -1.7631, 20.7527



72.2142, -12.0507, 19.5437



72.2158, -19.7243, 14.4333

Triad

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



72.2158, -12.0527, 19.5446



72.2158, -15.4620, -13.7174



72.2158, 17.6707, 1.9220

Complementary

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



72.2142, -12.0507, 19.5437



58.3909, 6.4663, -16.3343

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.



72.2158, 13.5105, -8.4324



72.2142, -12.0507, 19.5437



72.2158, -5.9275, -18.2641

Square

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



72.2158, -12.0527, 19.5446



72.2158, -21.6113, -4.5095



72.2158, 4.7210, -16.2022



72.2158, 15.7975, 11.4614

Rectangle

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



72.2142, -12.0507, 19.5437



72.2158, -22.5256, 9.0480



72.2158, 4.7210, -16.2022



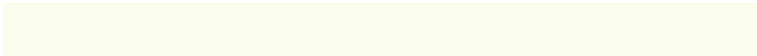
72.2158, 16.9243, -1.5905

Sweetspot

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



72.2158, -12.0527, 19.5446



98.1899, -8.5685, 11.8346



62.0986, 7.9922, 9.6301



45.9158, -4.1735, 5.8561

0.0000, NaN, NaN



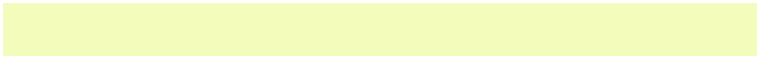
46.2646, -2.4686, 2.5136

Same Dimension

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



72.2158, -12.0527, 19.5446



96.2031, -18.2737, 30.0500



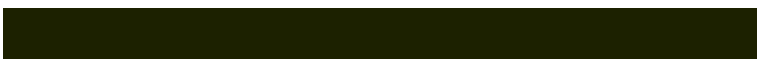
70.4993, -18.2970, 17.7751



34.1805, -3.5858, 5.2802



55.4473, -22.6257, 33.7703



11.6137, -4.3663, 7.0798

Inverse Universe

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



58.3909, 6.4663, -16.3343



73.6751, 12.0480, -28.8058



60.3152, 12.7457, -13.3660



31.3297, 0.2065, -2.0471



16.5608, 43.8239, -109.1651



3.7580, 9.3799, -20.3948

Previews

White Background



This preview shows how the HunterLab color 72.2142, -12.0507, 19.5437 looks on a white background.

Color Contrast Check

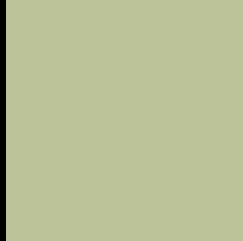
Large Text (above 18pt) WCAG AA × Fail

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 72.2142, -12.0507, 19.5437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

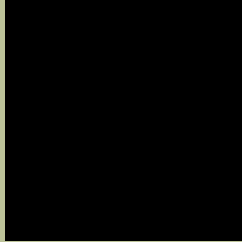
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

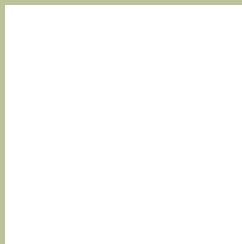
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.2142, -12.0507, 19.5437 Background



This preview shows how black text looks on a background with the HunterLab color 72.2142, -12.0507, 19.5437.



This preview shows how white text looks on a background with the HunterLab color 72.2142,

-12.0507, 19.5437.

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

72.2142, -12.0507, 19.5437

Protanopia

72.2444, -5.7416, 20.3879

Deuteranopia

71.9466, 5.5225, 18.8747



Tritanopia

72.1207, 1.3205, -1.9846

Trichromacy



Original Color

72.2142, -12.0507, 19.5437

Protanomaly

72.0916, -7.7924, 19.8553

Deuteranomaly

71.8160, -0.9512, 18.9965

Tritanomaly

72.1816, -4.2044, 6.7030

Monochromacy



Original Color

72.2142, -12.0507, 19.5437

Achromatopsia

70.9145, -3.7838, 3.8529

Achromatomaly

71.4480, -7.3437, 10.2414

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.2142, -12.0507, 19.5437 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(189, 195, 153)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 153)  
}
```

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(189, 195, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 72.2142, -12.0507, 19.5437 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(189, 195, 153) }
```


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

```
.border{ border-color:rgb(189, 195, 153) }
```

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

Here you see how a box with a 4 pixel rgb(189, 195, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 153);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.2142, -12.0507, 19.5437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 153) }
```

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

```
.background{ background-color: rgb(189,  
195, 153) }
```

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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