

Converting Colors

HunterLab(71.3345, -12.9261,
10.0451)

Have a look what the booklet for
HunterLab(71.3345, -12.9261,
10.0451) contains.

HunterLab(71.2690, -12.7431, 9.9520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(71.2690,
-12.7431, 9.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC2AF
RGB	175, 194, 175
RGB Percent	69%, 76%, 69%
CMY	0.3137, 0.2392, 0.3137
CMYK	0.10, 0.00, 0.10, 0.24
HSL	120°, 13%, 72%
HSV	120°, 10%, 76%
XYZ	44.7089, 50.7927, 48.0051
YIQ	186.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

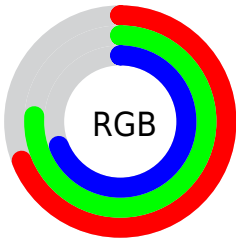
Format	Color
RYB	175, 194, 194
Decimal	11518639
CIELab	76.55, -10.08, 7.36
CIElCh	77, 12.480, 143.888
Yxy	50.7949, 0.3115, 0.3539
Android (android.graphics.Color)	4289708719 (0xFFAFC2AF)
YUV	186.1530, -5.4984, -9.7812
Hunter-Lab	71.2690, -12.7431, 9.9520

Details

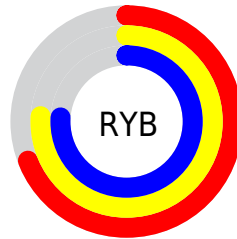
The HunterLab color $71.2690, -12.7431, 9.9520$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.8422, 5.7738, -2.7020$, and the grayscale version is $70.1625, -3.7437, 3.8121$.

A 20% lighter version of the original color is $95.7877, -15.0529, 11.9652$, and $49.3192, -10.3786, 7.6812$ is the 20% darker color. If you saturate the color by 10%, you get $69.2824, -21.0399, 15.5581$, and if you desaturate by 10%, it is $73.4991, -3.7280, 3.8616$.

Distribution



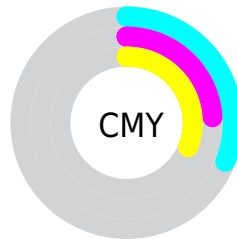
- Red (69%)
- Green (76%)
- Blue (69%)



- Red (69%)
- Yellow (76%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.2690, -12.7431, 9.9520 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 71.2690, -12.7431, 9.9520 by changing the saturation by 10% instead.

■ 71.2690, -12.7431,
9.9520

■ 71.2690, -12.7431,
9.9520

197.4250,
-23.2558, 19.4745

■ 60.0378, -11.6220,
8.9716

■ 95.5780, -15.0062,
11.9561

■ 49.4664, -10.5002,
8.0010

108.5944,
-16.1495, 12.9804

■ 39.6006, -9.3737,
7.0375

122.1533,
-17.3033, 14.0207

■ 30.4950, -8.2341,
6.0755

136.2338,
-18.4684, 15.0776

■ 22.2194, -7.0677,
5.1055

150.8172,
-19.6458, 16.1513

■ 14.8673, -5.8499,
4.1097

165.8868,

■ 8.5184, -5.6125,

-20.8359, 17.2420

4.0429

181.4274,
-22.0391, 18.3497

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.2690, -12.7431,
9.9520

■ 71.2690, -12.7431,
9.9520

■ 69.2824, -21.0399,
15.5581

■ 73.4991, -3.7280,
3.8616

■ 67.5425, -28.5114,
20.6077

■ 75.9585, 5.9063,
-2.6456

■ 66.0555, -35.0660,
25.0382

■ 78.6372, 16.0586,
-9.5011

■ 64.8225, -40.6276,
28.7981

■ 81.5232, 26.6372,
-16.6428

■ 63.8399, -45.1463,

■ 81.8936, 27.9699,

31.8532

-17.5428

■ 63.0990, -48.6068,
34.1932

■ 62.5848, -51.0361,
35.8360

■ 62.2752, -52.5104,
36.8331

■ 62.1200, -53.2523,
37.3348

Harmonies

Analogous

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



71.2705, -8.3441, 13.0609



71.2690, -12.7431, 9.9520



71.2705, -14.7429, 5.0193

Triad

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



71.2705, -12.7447, 9.9530



71.2705, -5.0109, -7.7107



71.2705, 6.8690, 8.1140

Complementary

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



71.2690, -12.7431, 9.9520



67.8422, 5.7738, -2.7020

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.



71.2705, 7.8316, 2.7205



71.2690, -12.7431, 9.9520



71.2705, 0.8472, -6.7136

Square

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



71.2705, -12.7447, 9.9530



71.2705, -10.3723, -5.4042



71.2705, 5.5948, -2.7806



71.2705, 3.0056, 12.0611

Rectangle

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



71.2690, -12.7431, 9.9520



71.2705, -14.4919, 1.2394



71.2705, 5.5948, -2.7806



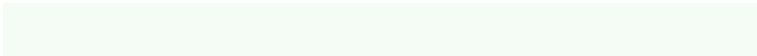
71.2705, 7.5477, 6.4222

Sweetspot

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



71.2705, -12.7447, 9.9530



97.9179, -9.0628, 7.9302



72.9045, -6.9252, 11.8181



45.7057, -4.7096, 4.0275

0.0000, NaN, NaN



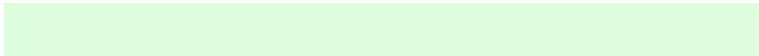
46.2646, -2.4686, 2.5136

Same Dimension

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



71.2705, -12.7447, 9.9530



95.2577, -19.9218, 15.2666



71.5412, -11.2306, 6.0755



33.5542, -5.8177, 4.5618



50.3662, -43.1890, 30.2792



10.4693, -8.9774, 6.2939

Inverse Universe

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



67.8422, 5.7738, -2.7020



89.5331, 11.0106, -5.8717



67.5368, 4.1395, 1.6352



32.0118, 2.5133, -1.1314



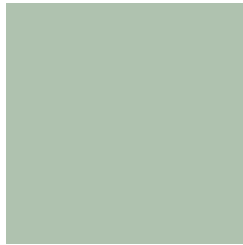
31.7829, 62.4860, -41.9178



6.6065, 12.9886, -8.7133

Previews

White Background



This preview shows how the HunterLab color 71.2690, -12.7431, 9.9520 looks on a white background.

Color Contrast Check

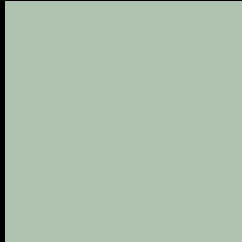
Large Text (above 18pt) WCAG AA × Fail

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 71.2690, -12.7431, 9.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

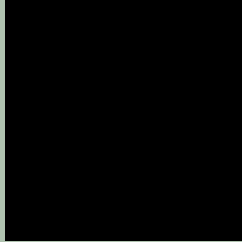
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

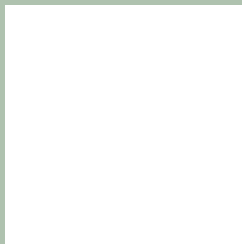
Any Text WCAG AAA ✓ Pass

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

HunterLab 71.2690, -12.7431, 9.9520 Background



This preview shows how black text looks on a background with the HunterLab color 71.2690, -12.7431, 9.9520.



This preview shows how white text looks on a background with the HunterLab color 71.2690,

-12.7431, 9.9520.

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

71.2690, -12.7431, 9.9520

Protanopia

71.1904, -3.7421, 11.2963

Deuteranopia

71.0486, 5.1212, 9.1586



Tritanopia

71.3709, -4.2115, -4.0764

Trichromacy



Original Color

71.2690, -12.7431, 9.9520

Protanomaly

71.0883, -7.1542, 10.7054

Deuteranomaly

70.8930, -1.4821, 9.3063

Tritanomaly

71.1489, -7.2769, 1.1823

Monochromacy



Original Color

71.2690, -12.7431, 9.9520

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

70.5108, -7.1144, 6.1106

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.2690, -12.7431, 9.9520 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(175, 194, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 194, 175)  
}
```

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(175, 194, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 194, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 71.2690, -12.7431, 9.9520 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(175, 194, 175) }
```


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

```
.border{ border-color:rgb(175, 194, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 194, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 194, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 194, 175);  
box-shadow:4px 4px 4px 4px rgb(175, 194,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.2690, -12.7431, 9.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 194, 175) }
```

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

```
.background{ background-color: rgb(175,  
194, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor