

Converting Colors

HunterLab(72.2174, -12.9638,
9.8509)

Have a look what the booklet for
HunterLab(72.2174, -12.9638,
9.8509) contains.

HunterLab(72.1397, -12.6530, 9.6135)	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(72.1397,
-12.6530, 9.6135)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C4B2
RGB	177, 196, 178
RGB Percent	69%, 77%, 70%
CMY	0.3059, 0.2314, 0.3020
CMYK	0.10, 0.00, 0.09, 0.23
HSL	123°, 14%, 73%
HSV	123°, 10%, 77%
XYZ	45.9073, 52.0414, 49.7450
YIQ	188.2670, -5.5460, -9.6260

Conversions

Conversions Part 2

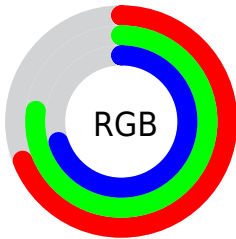
Format	Color
RYB	177, 195, 196
Decimal	11650226
CIELab	77.31, -9.88, 6.84
CIELCh	77, 12.015, 145.327
Yxy	52.0436, 0.3108, 0.3524
Android (android.graphics.Color)	4289840306 (0xFFB1C4B2)
YUV	188.2670, -5.0616, -9.8812
Hunter-Lab	72.1397, -12.6530, 9.6135

Details

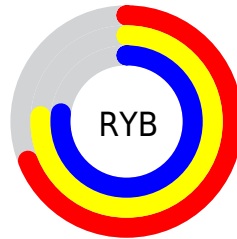
The HunterLab color $72.1397, -12.6530, 9.6135$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $68.6451, 5.5694, -2.1994$, and the grayscale version is $71.0507, -3.7911, 3.8603$.

A 20% lighter version of the original color is $96.7030, -14.9519, 11.6002$, and $50.1116, -10.4458, 7.7400$ is the 20% darker color. If you saturate the color by 10%, you get $70.1489, -20.9272, 14.9688$, and if you desaturate by 10%, it is $74.3707, -3.6817, 3.8561$.

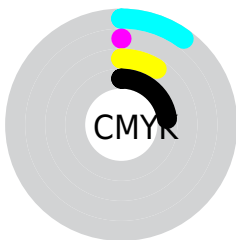
Distribution



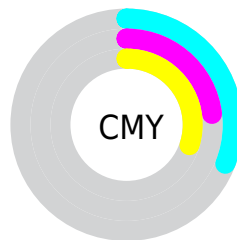
- Red (69%)
- Green (77%)
- Blue (70%)



- Red (69%)
- Yellow (76%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (31%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.1397, -12.6530, 9.6135 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 72.1397, -12.6530, 9.6135 by changing the saturation by 10% instead.

■ 72.1397, -12.6530,
9.6135

■ 72.1397, -12.6530,
9.6135

198.6466,
-23.0969, 18.9547

■ 60.8603, -11.5423,
8.6593

■ 96.5378, -14.8976,
11.5703

■ 50.2378, -10.4320,
7.7169

109.5958,
-16.0326, 12.5728

■ 40.3171, -9.3183,
6.7845

123.1947,
-17.1785, 13.5925

■ 31.1522, -8.1935,
5.8572

137.3136,
-18.3362, 14.6296

■ 22.8112, -7.0447,
4.9270

151.9342,
-19.5065, 15.6844

■ 15.3856, -5.8492,
3.9788

167.0397,

■ 8.9940, -5.2677,

-20.6897, 16.7568

3.6398

182.6151,
-21.8865, 17.8469

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.1397, -12.6530,
9.6135

■ 72.1397, -12.6530,
9.6135

■ 70.1489, -20.9272,
14.9688

■ 74.3707, -3.6817,
3.8561

■ 68.4012, -28.4003,
19.8544

■ 76.8278, 5.8909,
-2.2424

■ 66.9029, -34.9828,
24.2103

■ 79.5014, 15.9668,
-8.6203

■ 65.6552, -40.5992,
27.9841

■ 82.3333, 26.3130,
-15.2911

■ 64.6549, -45.1988,

■ 82.4390, 26.8525,

31.1372

-16.7731

■ 63.8939, -48.7629,
33.6495

■ 63.3582, -51.3127,
35.5237

■ 63.0267, -52.9152,
36.7891

■ 62.8567, -53.7482,
37.4957

Harmonies

Analogous

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



72.1412, -8.4859, 12.7363



72.1397, -12.6530, 9.6135



72.1412, -14.4637, 4.7719

Triad

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



72.1412, -12.6546, 9.6145



72.1412, -4.7447, -7.2666



72.1412, 6.3320, 8.2495

Complementary

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



72.1397, -12.6530, 9.6135



68.6451, 5.5694, -2.1994

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.



72.1412, 7.4085, 3.0715



72.1397, -12.6530, 9.6135



72.1412, 0.8995, -6.1560

Square

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



72.1412, -12.6546, 9.6145



72.1412, -9.9881, -5.1927



72.1412, 5.3916, -2.2653



72.1412, 2.4939, 11.9922

Rectangle

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



72.1397, -12.6530, 9.6135



72.1412, -14.1304, 1.1139



72.1412, 5.3916, -2.2653



72.1412, 7.0338, 6.6309

Sweetspot

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



72.1412, -12.6546, 9.6145



99.0555, -9.0996, 7.8428



73.6652, -7.2814, 11.7861



45.7131, -4.6692, 3.9229

0.0000, NaN, NaN



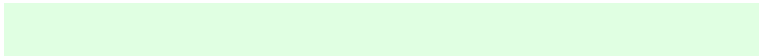
46.2646, -2.4686, 2.5136

Same Dimension

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



72.1412, -12.6546, 9.6145



96.3965, -19.9010, 14.7911



72.4130, -11.1354, 5.7234



33.5667, -5.7477, 4.3825



50.3846, -43.0735, 30.0069



10.4875, -8.8629, 6.0239

Inverse Universe

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



68.6451, 5.5694, -2.1994



90.5004, 10.8434, -5.1381



68.3427, 3.9503, 2.0966



31.9970, 2.4342, -0.9216



31.3274, 60.9055, -36.0073



6.5337, 12.7361, -7.7699

Previews

White Background



This preview shows how the HunterLab color 72.1397, -12.6530, 9.6135 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 72.1397, -12.6530, 9.6135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

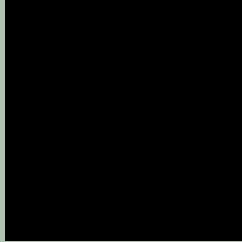
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

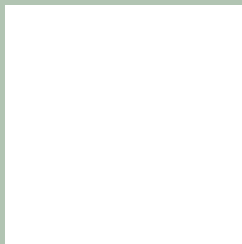
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.1397, -12.6530, 9.6135 Background



This preview shows how black text looks on a background with the HunterLab color 72.1397, -12.6530, 9.6135.



This preview shows how white text looks on a background with the HunterLab color 72.1397, -12.6530, 9.6135.

-12.6530, 9.6135.

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

72.1397, -12.6530, 9.6135

Protanopia

72.0610, -3.6403, 10.9702

Deuteranopia

71.9183, 5.2396, 8.8095



Tritanopia

72.2145, -4.2596, -4.0427

Trichromacy



Original Color

72.1397, -12.6530, 9.6135

Protanomaly

71.9590, -7.0557, 10.3745

Deuteranomaly

71.7638, -1.3714, 8.9617

Tritanomaly

71.9922, -7.3301, 1.2228

Monochromacy



Original Color

72.1397, -12.6530, 9.6135

Achromatopsia

70.9145, -3.7838, 3.8529

Achromatomaly

71.3531, -7.1664, 6.1611

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.1397, -12.6530, 9.6135 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(177, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(177, 196, 178)  
}
```

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(177, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 196, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 72.1397, -12.6530, 9.6135 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(177, 196, 178) }
```


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

```
.border{ border-color:rgb(177, 196, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(177, 196,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.1397, -12.6530, 9.6135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 196, 178) }
```

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

```
.background{ background-color: rgb(177,  
196, 178) }
```

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