

Converting Colors

HunterLab(62.2042, -23.8970,
15.8187)

Have a look what the booklet for
HunterLab(62.2042, -23.8970,
15.8187) contains.

HunterLab(62.1972, -23.8463, 15.7043)	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(62.1972,
-23.8463, 15.7043)**

Conversions

Conversions Part 1

Format	Color
Hex	81B388
RGB	129, 179, 136
RGB Percent	51%, 70%, 53%
CMY	0.4941, 0.2980, 0.4667
CMYK	0.28, 0.00, 0.24, 0.30
HSL	128°, 25%, 60%
HSV	128°, 28%, 70%
XYZ	29.6173, 38.6849, 29.1985
YIQ	159.1480, -15.9970, -23.9730

Conversions

Conversions Part 2

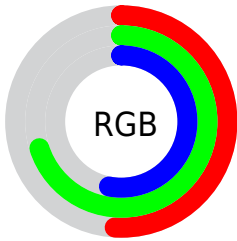
Format	Color
RYB	129, 173, 179
Decimal	8500104
CIELab	68.52, -25.34, 16.76
CIELCh	69, 30.382, 146.528
Yxy	38.6865, 0.3038, 0.3968
Android (android.graphics.Color)	4286690184 (0xFF81B388)
YUV	159.1480, -11.4120, -26.4398
Hunter-Lab	62.1972, -23.8463, 15.7043

Details

The HunterLab color $62.1972, -23.8463, 15.7043$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $53.1635, 20.7462, -10.4069$, and the grayscale version is $58.9930, -3.1477, 3.2052$.

A 20% lighter version of the original color is $85.5325, -27.7593, 18.8459$, and $41.4889, -19.7621, 12.6377$ is the 20% darker color. If you saturate the color by 10%, you get $60.8265, -29.8063, 19.4497$, and if you desaturate by 10%, it is $63.7831, -17.1586, 11.6298$.

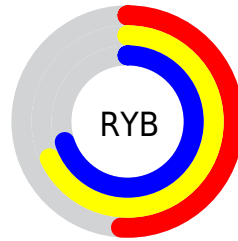
Distribution



Red (51%)

Green (70%)

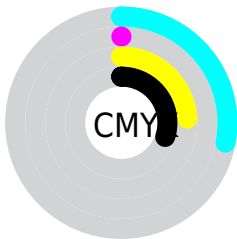
Blue (53%)



Red (51%)

Yellow (68%)

Blue (70%)

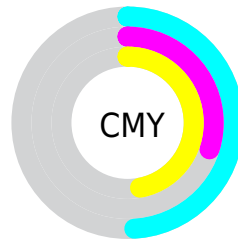


Cyan (28%)

Magenta (0%)

Yellow (24%)

Black (30%)



Cyan (49%)

Magenta (30%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.1972, -23.8463, 15.7043 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 62.1972, -23.8463, 15.7043 by changing the saturation by 10% instead.

■ 62.1972, -23.8463,
15.7043

■ 62.1972, -23.8463,
15.7043

184.5416,
-40.4463, 28.8603

■ 51.4937, -21.8398,
14.1864

■ 85.5332, -27.7056,
18.6707

■ 41.4850, -19.7564,
12.6286

■ 98.0969, -29.5795,
20.1329

■ 32.2248, -17.5694,
11.0135

■ 111.2219,
-31.4276, 21.5880

■ 23.7793, -15.2353,
9.3124

124.8851,
-33.2555, 23.0397

■ 16.2363, -12.6804,
7.4778

139.0661,
-35.0680, 24.4908

■ 9.7205, -11.9022,
6.8044

153.7465,

0.0000, NaN, NaN

-36.8687, 25.9435

0.0000, NaN, NaN

168.9100,
-38.6606, 27.3995

0.0000, NaN, NaN

■ 62.1972, -23.8463,
15.7043

■ 62.1972, -23.8463,
15.7043

■ 60.8265, -29.8063,
19.4497

■ 63.7831, -17.1586,
11.6298

■ 59.6688, -34.9690,
22.8185

■ 65.5760, -9.8171,
7.2729

■ 58.7238, -39.2871,
25.7721

■ 67.5704, -1.9052,
2.6828

■ 57.9858, -42.7359,
28.2811

■ 69.7582, 6.4947,
-2.0941

■ 57.4447, -45.3208,
30.3288

■ 72.1301, 15.3044,
-7.0156

■ 57.0849, -47.0825,
31.9133

■ 74.6763, 24.4517,
-12.0447

■ 56.8776, -48.1311,
33.0440

■ 77.3867, 33.8729,
-17.1495

■ 56.8438, -48.3011,
33.2184

■ 77.9241, 36.3756,
-23.3307

Harmonies

Analogous

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



62.1985, -14.6795, 21.9245



62.1972, -23.8463, 15.7043



62.1985, -27.5410, 4.8875

Triad

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



62.1985, -23.8474, 15.7050



62.1985, -4.9129, -27.2603



62.1985, 22.1047, 13.5902

Complementary

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



62.1972, -23.8463, 15.7043



53.1635, 20.7462, -10.4069

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.



62.1985, 25.2838, 1.8454



62.1972, -23.8463, 15.7043



62.1985, 8.9137, -23.5358

Square

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



62.1985, -23.8474, 15.7050



62.1985, -17.2231, -21.4173



62.1985, 20.2670, -12.1190



62.1985, 11.9183, 20.9024

Rectangle

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



62.1972, -23.8463, 15.7043



62.1985, -26.6618, -4.1909



62.1985, 20.2670, -12.1190



62.1985, 24.0644, 10.1147

Sweetspot

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



62.1985, -23.8474, 15.7050



87.7055, -13.3432, 9.8535



65.2959, -12.6541, 21.1546



41.1054, -6.9957, 5.0584



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



62.1985, -23.8474, 15.7050



81.9854, -37.3237, 24.3980



62.8255, -20.2248, 6.6821



30.8364, -5.1319, 3.7256



47.7893, -40.5631, 27.8316



8.5127, -6.9715, 4.4094

Inverse Universe

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



53.1635, 20.7462, -10.4069



67.2439, 35.6557, -18.2580



52.3470, 16.6055, 1.1252



29.3698, 2.0732, -0.5044



29.0288, 55.4119, -25.4208



5.2033, 10.0188, -5.2272

Previews

White Background



This preview shows how the HunterLab color 62.1972, -23.8463, 15.7043 looks on a white background.

Color Contrast Check

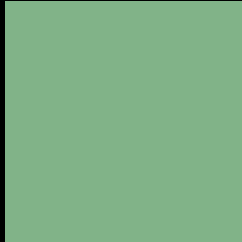
Large Text (above 18pt) WCAG AA × Fail

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 62.1972, -23.8463, 15.7043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

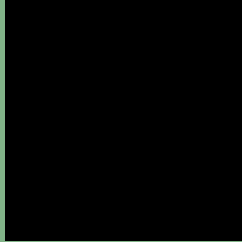
Any Text WCAG AA ✓ Pass

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 62.1972, -23.8463, 15.7043 Background



This preview shows how black text looks on a background with the HunterLab color 62.1972, -23.8463, 15.7043.



This preview shows how white text looks on a background with the HunterLab color 62.1972,

-23.8463, 15.7043.

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

62.1972, -23.8463, 15.7043

Protanopia

61.8314, -4.8635, 17.7640

Deuteranopia

61.8397, 4.4768, 14.3958



Tritanopia

62.0109, -10.3708, -6.3868

Trichromacy



Original Color

62.1972, -23.8463, 15.7043

Protanomaly

61.8590, -12.3794, 16.9773

Deuteranomaly

61.5926, -6.8150, 14.3209

Tritanomaly

62.1595, -15.7678, 2.6907

Monochromacy



Original Color

62.1972, -23.8463, 15.7043

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

59.8354, -10.9358, 7.6675

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.1972, -23.8463, 15.7043 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(129, 179, 136)` looks like.

```
.text, #text, p{  
    color:rgb(129, 179, 136)  
}
```

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(129, 179, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 179, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 62.1972, -23.8463, 15.7043 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(129, 179, 136) }
```


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

```
.border{ border-color:rgb(129, 179, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 179, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 179, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 179, 136); box-shadow:4px 4px 4px 4px rgb(129, 179, 136) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.1972, -23.8463, 15.7043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 179, 136) }
```

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

```
.background{ background-color: rgb(129,  
179, 136) }
```

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