

# Converting Colors

HunterLab(62.2239, -22.8393,  
16.1140)

Have a look what the booklet for  
HunterLab(62.2239, -22.8393,  
16.1140) contains.

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# Color

**HunterLab(62.1101,  
-22.5712, 15.9959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85B287
RGB	133, 178, 135
RGB Percent	52%, 70%, 53%
CMY	0.4784, 0.3019, 0.4706
CMYK	0.25, 0.00, 0.24, 0.30
HSL	123°, 23%, 61%
HSV	123°, 25%, 70%
XYZ	29.9665, 38.5766, 28.7883
YIQ	159.6430, -13.0170, -22.9130

# Conversions

## Conversions Part 2

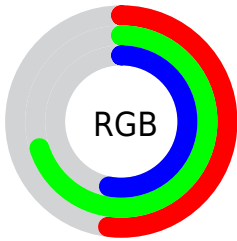
Format	Color
<a href="#">RYB</a>	<a href="#">133, 176, 178</a>
Decimal	<a href="#">8761991</a>
CIELab	<a href="#">68.44, -23.68, 17.23</a>
CIElCh	<a href="#">68, 29.281, 143.959</a>
Yxy	<a href="#">38.5783, 0.3079, 0.3963</a>
Android (android.graphics.Color)	<a href="#">4286952071 (0xFF85B287)</a>
YUV	<a href="#">159.6430, -12.1490, -23.3659</a>
Hunter-Lab	<a href="#">62.1101, -22.5712, 15.9959</a>

# Details

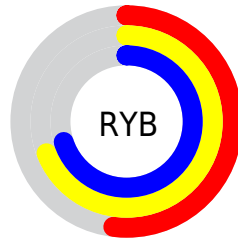
The HunterLab color  $62.1101, -22.5712, 15.9959$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $54.1992, 19.0555, -11.2034$ , and the grayscale version is  $59.1973, -3.1586, 3.2163$ .

A 20% lighter version of the original color is  $85.4642, -26.3490, 19.1953$ , and  $41.3726, -18.6744, 12.8504$  is the 20% darker color. If you saturate the color by 10%, you get  $60.6701, -28.8315, 20.1325$ , and if you desaturate by 10%, it is  $63.7730, -15.5550, 11.4025$ .

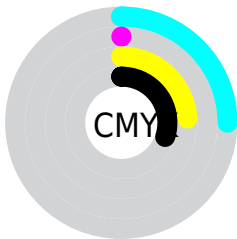
# Distribution



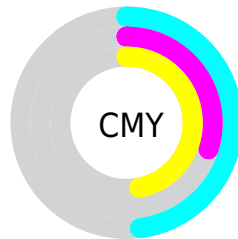
- Red (52%)
- Green (70%)
- Blue (53%)



- Red (52%)
- Yellow (69%)
- Blue (70%)



- Cyan (25%)
- Magenta (0%)
- Yellow (24%)
- Black (30%)



- Cyan (48%)
- Magenta (30%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.1101, -22.5712, 15.9959 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 62.1101, -22.5712, 15.9959 by changing the saturation by 10% instead.



■ 62.1101, -22.5712,  
15.9959

■ 62.1101, -22.5712,  
15.9959

184.4164,  
-38.4847, 29.3464

■ 51.4119, -20.6640,  
14.4491

■ 85.4363, -26.2510,  
19.0139

■ 41.4089, -18.6881,  
12.8599

■ 97.9956, -28.0427,  
20.4995

■ 32.1548, -16.6192,  
11.2099

■ 111.1162,  
-29.8124, 21.9769

■ 23.7161, -14.4173,  
9.4695

124.7752,  
-31.5655, 23.4497

■ 16.1807, -12.0145,  
7.5892

138.9522,  
-33.3063, 24.9210

■ 9.6736, -11.1977,  
6.7715

153.6287,

0.0000, NaN, NaN

-35.0380, 26.3930

0.0000, NaN, NaN

168.7885,  
-36.7634, 27.8677

0.0000, NaN, NaN

■ 62.1101, -22.5712,  
15.9959

■ 62.1101, -22.5712,  
15.9959

■ 60.6701, -28.8315,  
20.1325

■ 63.7730, -15.5550,  
11.4025

■ 59.4517, -34.2583,  
23.7599

■ 65.6496, -7.8641,  
6.4066

■ 58.4552, -38.7967,  
26.8387

■ 67.7335, 0.4111,  
1.0667

■ 57.6757, -42.4164,  
29.3437

■ 70.0157, 9.1827,  
-4.5607

■ 57.1032, -45.1187,  
31.2688

■ 72.4860, 18.3677,  
-10.4232

■ 56.7222, -46.9431,  
32.6302

■ 75.1338, 27.8911,  
-16.4739

■ 56.5100, -47.9756,  
33.4695

■ 77.6288, 36.7453,  
-23.1790

■ 56.4444, -48.2914,  
33.6967

■ 77.6675, 36.9368,  
-23.7170

# Harmonies

## Analogous

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



62.1114, -13.3110, 21.6742



62.1101, -22.5712, 15.9959



62.1114, -26.6381, 5.8731

# Triad

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



62.1114, -22.5724, 15.9966



62.1114, -5.9710, -25.8087



62.1114, 21.6725, 12.4245

# Complementary

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



62.1101, -22.5712, 15.9959



54.1992, 19.0555, -11.2034

# 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.



62.1114, 24.0495, 0.7809



62.1101, -22.5712, 15.9959



62.1114, 7.3509, -23.0382

# Square

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



62.1114, -22.5724, 15.9966



62.1114, -17.5830, -19.5341



62.1114, 18.6127, -12.6031



62.1114, 12.3644, 19.9338



# Rectangle

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



62.1101, -22.5712, 15.9959



62.1114, -26.1208, -2.7428



62.1114, 18.6127, -12.6031



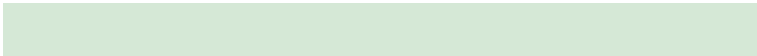
62.1114, 23.3394, 8.9383

# Sweetspot

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



62.1114, -22.5724, 15.9966



87.6534, -13.6337, 10.5995



65.4406, -10.3966, 20.0372



41.0768, -7.1558, 5.4684



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.



62.1114, -22.5724, 15.9966



82.5859, -34.9445, 24.5395



62.6605, -19.4089, 8.0877



30.8156, -5.2482, 4.0239



47.7466, -40.8313, 28.4639



8.4813, -7.1681, 4.8731



# Inverse Universe

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



54.1992, 19.0555, -11.2034



69.8663, 32.1219, -19.2658



53.4546, 15.2536, -0.7049



29.3940, 2.2027, -0.8477



29.7554, 57.9522, -34.9984



5.2969, 10.3450, -6.4530



# Previews

## White Background



This preview shows how the HunterLab color 62.1101, -22.5712, 15.9959 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 62.1101, -22.5712, 15.9959 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

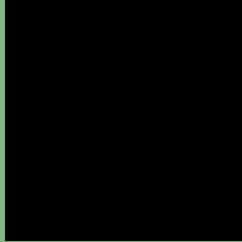
Any Text WCAG AA ✓ Pass

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 62.1101, -22.5712, 15.9959 Background



This preview shows how black text looks on a background with the HunterLab color 62.1101, -22.5712, 15.9959.



This preview shows how white text looks on a background with the HunterLab color 62.1101,

-22.5712, 15.9959.

# 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

62.1101, -22.5712, 15.9959

### Protanopia

61.8098, -4.9825, 18.0775

### Deuteranopia

61.8160, 4.3497, 14.7389



## Tritanopia

61.9511, -9.0809, -5.9124

# Trichromacy



## Original Color

62.1101, -22.5712, 15.9959

## Protanomaly

61.6159, -11.7368, 17.0998

## Deuteranomaly

61.7498, -6.3073, 14.8526

## Tritanomaly

62.0895, -14.4797, 3.0950

# Monochromacy



## Original Color

62.1101, -22.5712, 15.9959

## Achromatopsia

59.2902, -3.1636, 3.2213

## Achromatomaly

60.2958, -10.8370, 8.1745

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.1101, -22.5712, 15.9959 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(133, 178, 135)` looks like.

```
.text, #text, p{  
    color:rgb(133, 178, 135)  
}
```

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(133, 178, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 178, 135) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.1101, -22.5712, 15.9959 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(133, 178, 135) }
```



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

```
.border{ border-color:rgb(133, 178, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 178, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 178, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 178, 135);  
box-shadow:4px 4px 4px 4px rgb(133, 178,  
135) }
```

# Background

The CSS property to change the background color of an element to HunterLab 62.1101, -22.5712, 15.9959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 178, 135) }
```

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

```
.background{ background-color: rgb(133,  
178, 135) }
```

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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