

# Converting Colors

HunterLab(77.8938, -23.6094,  
21.5661)

Have a look what the booklet for  
HunterLab(77.8938, -23.6094,  
21.5661) contains.

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# Color

**HunterLab(77.8938,  
-23.6094, 21.5661)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2D7A2
RGB	178, 215, 162
RGB Percent	70%, 84%, 64%
CMY	0.3020, 0.1568, 0.3647
CMYK	0.17, 0.00, 0.25, 0.16
HSL	102°, 40%, 74%
HSV	102°, 25%, 84%
XYZ	49.1821, 60.6744, 43.3015
YIQ	197.8950, -5.0390, -24.3270

# Conversions

## Conversions Part 2

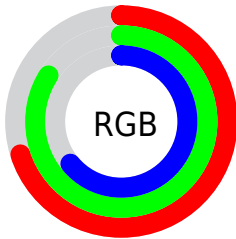
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 215, 199
Decimal	11720610
CIE <sub>Lab</sub>	82.20, -21.88, 22.24
CIE <sub>LCh</sub>	82, 31.197, 134.530
Yxy	60.6771, 0.3211, 0.3962
Android (android.graphics.Color)	4289910690 (0xFFB2D7A2)
YUV	197.8950, -17.6962, -17.4479
Hunter-Lab	77.8938, -23.6094, 21.5661

# Details

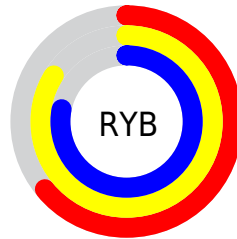
The HunterLab color  $77.8938, -23.6094, 21.5661$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $65.4910, 18.2394, -17.5310$ , and the grayscale version is  $75.1784, -4.0113, 4.0846$ .

A 20% lighter version of the original color is  $96.9650, -18.3397, 19.2888$ , and  $55.3420, -19.9462, 17.9481$  is the 20% darker color. If you saturate the color by 10%, you get  $76.3525, -30.3437, 27.0996$ , and if you desaturate by 10%, it is  $79.6129, -16.2391, 15.2046$ .

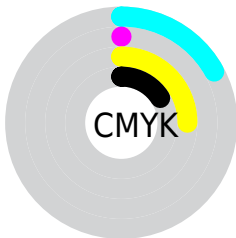
# Distribution



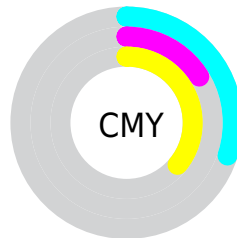
- Red (70%)
- Green (84%)
- Blue (64%)



- Red (64%)
- Yellow (84%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (25%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.8938, -23.6094, 21.5661 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 77.8938, -23.6094, 21.5661 by changing the saturation by 10% instead.



■ 77.8938, -23.6094,  
21.5661

■ 77.8938, -23.6094,  
21.5661

206.6613,  
-38.6474, 36.8441

■ 66.3058, -21.8656,  
19.7765

■ 102.8646,  
-27.0240, 25.0532

■ 55.3558, -20.0817,  
17.9400

■ 116.1902,  
-28.7043, 26.7640

■ 45.0854, -18.2459,  
16.0418

130.0462,  
-30.3732, 28.4605

■ 35.5428, -16.3383,  
14.0590

144.4131,  
-32.0342, 30.1466

■ 26.7885, -14.3288,  
11.9577

159.2732,  
-33.6900, 31.8257

■ 18.9012, -12.1678,  
9.6850

174.6106,

■ 11.9894, -9.8132,

-35.3430, 33.5002

8.3926

190.4111,  
-36.9950, 35.1725

■ 4.9405, -8.6459,  
3.4584

0.0000, NaN, NaN

■ 77.8938, -23.6094,  
21.5661

■ 77.8938, -23.6094,  
21.5661

■ 76.3525, -30.3437,  
27.0996

■ 79.6129, -16.2391,  
15.2046

■ 74.9862, -36.3877,  
31.7694

■ 81.5011, -8.2828,  
8.0571

■ 73.7969, -41.7030,  
35.5585

■ 83.5554, 0.1998,  
0.1767

■ 72.7831, -46.2621,  
38.4688

■ 85.7703, 9.1504,  
-8.3798

■ 71.9408, -50.0538,  
40.5261

■ 87.5876, 15.6258,  
-9.7974

■ 71.2634, -53.0871,  
41.7858

■ 87.7971, 16.3050,  
-9.5037

■ 70.7405, -55.3964,  
42.3420

■ 70.5150, -56.3832,  
42.4639

# Harmonies

## Analogous

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



77.8955, -11.3565, 26.6336



77.8938, -23.6094, 21.5661



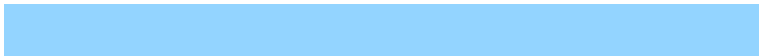
77.8955, -30.3691, 11.2961

# Triad

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



77.8955, -23.6111, 21.5670



77.8955, -11.8025, -27.5880



77.8955, 26.1913, 10.8962

# Complementary

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



77.8938, -23.6094, 21.5661



65.4910, 18.2394, -17.5310

# 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.



77.8955, 26.0488, -3.5448



77.8938, -23.6094, 21.5661



77.8955, 3.3066, -27.7520

# Square

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



77.8955, -23.6111, 21.5670



77.8955, -23.9160, -17.8802



77.8955, 17.4084, -18.2925



77.8955, 17.7840, 21.3228



# Rectangle

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



77.8938, -23.6094, 21.5661



77.8955, -31.2018, 2.0128



77.8955, 17.4084, -18.2925



77.8955, 27.1611, 6.4034

# Sweetspot

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



77.8955, -23.6111, 21.5670



98.2933, -12.4404, 11.9524



75.8588, -3.8242, 19.9598



45.4091, -6.0320, 5.7801

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

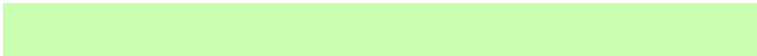


# Same Dimension

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



77.8955, -23.6111, 21.5670



93.4099, -33.3464, 30.0731



76.9757, -26.5958, 17.0130



37.5178, -5.6546, 5.3818



54.5783, -43.4164, 32.8708



13.5629, -9.9965, 8.1824



# Inverse Universe

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



65.4910, 18.2394, -17.5310



75.1003, 28.5796, -27.9139



66.8661, 21.8006, -9.7908



35.2645, 1.9192, -1.6697



26.2226, 56.0976, -69.8034



6.7603, 14.1954, -15.9269



# Previews

## White Background



This preview shows how the HunterLab color 77.8938, -23.6094, 21.5661 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 77.8938, -23.6094, 21.5661 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

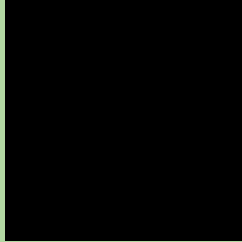
Any Text WCAG AA ✓ Pass

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 77.8938, -23.6094, 21.5661 Background



This preview shows how black text looks on a background with the HunterLab color 77.8938, -23.6094, 21.5661.



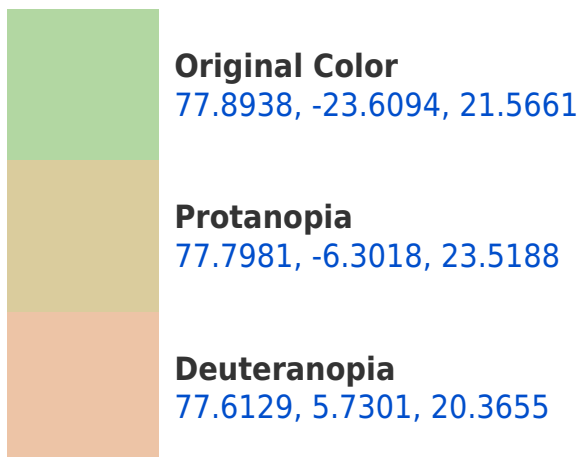
This preview shows how white text looks on a background with the HunterLab color 77.8938,

-23.6094, 21.5661.

# 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

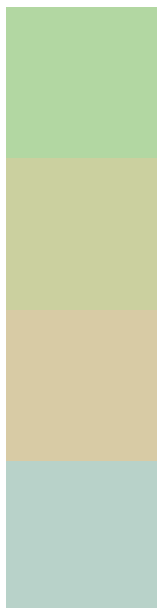




## Tritanopia

77.8747, -7.0700, -5.2892

# Trichromacy



## Original Color

77.8938, -23.6094, 21.5661

## Protanomaly

77.6605, -13.0700, 22.5833

## Deuteranomaly

77.4774, -5.4926, 20.4040

## Tritanomaly

77.7821, -13.6727, 5.5685

# Monochromacy



## Original Color

77.8938, -23.6094, 21.5661

## Achromatopsia

75.1473, -4.0097, 4.0829

## Achromatomaly

76.0032, -11.2651, 10.8299

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.8938, -23.6094, 21.5661 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(178, 215, 162)` looks like.

```
.text, #text, p{  
    color:rgb(178, 215, 162)  
}
```

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(178, 215, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 215, 162) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.8938, -23.6094, 21.5661 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(178, 215, 162) }
```



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

```
.border{ border-color:rgb(178, 215, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 215, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 215, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 215, 162);  
box-shadow:4px 4px 4px 4px rgb(178, 215,  
162) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.8938, -23.6094, 21.5661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 215, 162) }
```

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

```
.background{ background-color: rgb(178,  
215, 162) }
```

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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