

# Converting Colors

HunterLab(70.3008, -20.4252,  
15.6802)

Have a look what the booklet for  
HunterLab(70.3008, -20.4252,  
15.6802) contains.

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# Color

**HunterLab(70.3008,  
-20.4252, 15.6802)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0C49E
RGB	160, 196, 158
RGB Percent	63%, 77%, 62%
CMY	0.3725, 0.2314, 0.3804
CMYK	0.18, 0.00, 0.19, 0.23
HSL	117°, 24%, 69%
HSV	117°, 19%, 77%
XYZ	40.4087, 49.4220, 39.7573
YIQ	180.9040, -9.2580, -19.4500

# Conversions

## Conversions Part 2

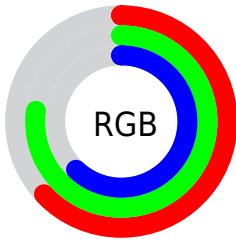
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 196, 194
Decimal	10536094
CIELab	75.71, -19.35, 15.18
CIElCh	76, 24.593, 141.891
Yxy	49.4241, 0.3118, 0.3814
Android (android.graphics.Color)	4288726174 (0xFFA0C49E)
YUV	180.9040, -11.2917, -18.3328
Hunter-Lab	70.3008, -20.4252, 15.6802

# Details

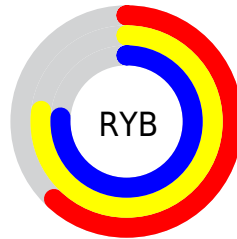
The HunterLab color  $70.3008, -20.4252, 15.6802$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $63.1743, 15.0131, -9.8254$ , and the grayscale version is  $67.9859, -3.6276, 3.6938$ .

A 20% lighter version of the original color is  $94.6054, -23.7489, 18.4278$ , and  $48.5754, -16.9839, 12.6565$  is the 20% darker color. If you saturate the color by 10%, you get  $68.5777, -27.8284, 20.8499$ , and if you desaturate by 10%, it is  $72.2584, -12.2549, 9.9222$ .

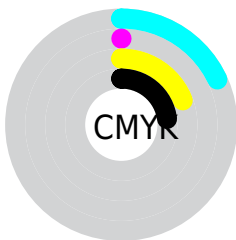
# Distribution



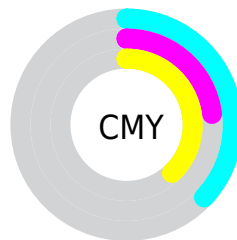
- Red (63%)
- Green (77%)
- Blue (62%)



- Red (62%)
- Yellow (77%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)



- Cyan (37%)
- Magenta (23%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.3008, -20.4252, 15.6802 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 70.3008, -20.4252, 15.6802 by changing the saturation by 10% instead.



■ 70.3008, -20.4252,  
15.6802

■ 70.3008, -20.4252,  
15.6802

196.0637,  
-34.5219, 28.1906

■ 59.1236, -18.7989,  
14.2726

■ 94.5098, -23.6122,  
18.4610

■ 48.6097, -17.1350,  
12.8416

■ 107.4796,  
-25.1829, 19.8427

■ 38.8055, -15.4205,  
11.3760

120.9938,  
-26.7450, 21.2238

■ 29.7667, -13.6334,  
9.8579

135.0312,  
-28.3018, 22.6067

■ 21.5647, -11.7385,  
8.2583

149.5731,  
-29.8560, 23.9935

■ 14.2955, -9.6740,  
6.5516

164.6024,

■ 7.9538, -11.0261,

-31.4097, 25.3856

5.5676

180.1039,  
-32.9645, 26.7843

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.3008, -20.4252,  
15.6802

■ 70.3008, -20.4252,  
15.6802

■ 68.5777, -27.8284,  
20.8499

■ 72.2584, -12.2549,  
9.9222

■ 67.0893, -34.3747,  
25.3699

■ 74.4388, -3.4058,  
3.6390

■ 65.8385, -39.9939,  
29.1937

■ 76.8348, 6.0267,  
-3.1014

■ 64.8232, -44.6365,  
32.2914

■ 79.4360, 15.9526,  
-10.2331

■ 64.0366, -48.2814,

■ 82.1922, 26.0870,

34.6558

-17.1429

■ 63.4669, -50.9430,  
36.3074

■ 82.4389, 26.8527,  
-16.7732

■ 63.0963, -52.6776,  
37.2999

■ 62.8957, -53.6147,  
37.7850

■ 62.8875, -53.6540,  
37.8116

# Harmonies

## Analogous

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



70.3023, -11.8634, 20.7762



70.3008, -20.4252, 15.6802



70.3023, -24.4630, 6.7486

# Triad

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



70.3023, -20.4267, 15.6810



70.3023, -6.8673, -20.5303



70.3023, 18.1153, 11.2729

# Complementary

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



70.3008, -20.4252, 15.6802



63.1743, 15.0131, -9.8254

# 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.



70.3023, 19.6677, 0.7739



70.3008, -20.4252, 15.6802



70.3023, 4.7386, -18.7936

# Square

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



70.3023, -20.4267, 15.6810



70.3023, -16.9722, -14.9570



70.3023, 14.6315, -10.5363



70.3023, 10.5172, 18.5326



# Rectangle

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



70.3008, -20.4252, 15.6802



70.3023, -24.2382, -0.6778



70.3023, 14.6315, -10.5363



70.3023, 19.3803, 8.0517

# Sweetspot

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



70.3023, -20.4267, 15.6810



98.1872, -12.6646, 10.6418



72.4937, -8.3989, 18.0666



45.3377, -6.2195, 5.1789

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

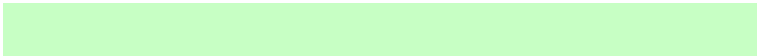


# Same Dimension

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



70.3023, -20.4267, 15.6810



93.6607, -31.5803, 23.9684



70.5871, -18.5128, 9.3340



33.5910, -5.6854, 4.6043



50.4204, -42.9574, 30.3167



10.5229, -8.7485, 6.3310



# Inverse Universe

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



63.1743, 15.0131, -9.8254



82.1811, 25.5640, -17.1681



62.8227, 12.7607, -1.5841



31.9682, 2.3674, -1.1894



30.4225, 60.5170, -45.5923



6.3898, 12.6743, -9.2940



# Previews

## White Background



This preview shows how the HunterLab color 70.3008, -20.4252, 15.6802 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

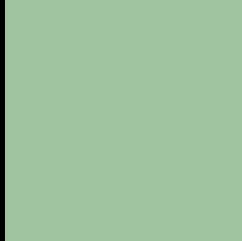
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.3008, -20.4252, 15.6802 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

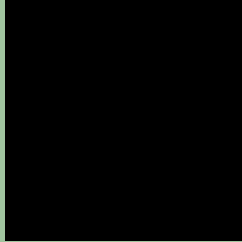
Any Text WCAG AA ✓ Pass

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 70.3008, -20.4252, 15.6802 Background



This preview shows how black text looks on a background with the HunterLab color 70.3008, -20.4252, 15.6802.



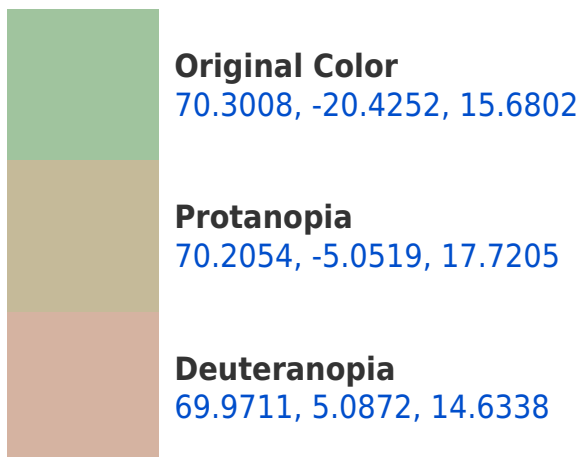
This preview shows how white text looks on a background with the HunterLab color 70.3008,

-20.4252, 15.6802.

# 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

70.3985, -7.6230, -5.3980

# Trichromacy



## Original Color

70.3008, -20.4252, 15.6802

## Protanomaly

70.2736, -10.9693, 16.9467

## Deuteranomaly

69.7892, -4.6245, 14.6685

## Tritanomaly

70.2349, -12.5000, 2.8967

# Monochromacy



## Original Color

70.3008, -20.4252, 15.6802

## Achromatopsia

67.9762, -3.6270, 3.6933

## Achromatomaly

68.5705, -9.7929, 7.8970

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.3008, -20.4252, 15.6802 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(160, 196, 158)` looks like.

```
.text, #text, p{  
    color:rgb(160, 196, 158)  
}
```

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(160, 196, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 196, 158) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.3008, -20.4252, 15.6802 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(160, 196, 158) }
```



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

```
.border{ border-color:rgb(160, 196, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 196, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 196, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 196, 158);  
box-shadow:4px 4px 4px 4px rgb(160, 196,  
158) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.3008, -20.4252, 15.6802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 196, 158) }
```

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

```
.background{ background-color: rgb(160,  
196, 158) }
```

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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