

Converting Colors

HunterLab(61.6616, -42.7124,
15.1322)

Have a look what the booklet for
HunterLab(61.6616, -42.7124,
15.1322) contains.

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Color

**HunterLab(61.7612,
-42.8489, 15.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	00BD87
RGB	0, 189, 135
RGB Percent	0%, 74%, 53%
CMY	0.9999, 0.2588, 0.4706
CMYK	1.00, 0.00, 0.29, 0.26
HSL	163°, 100%, 37%
HSV	163°, 100%, 74%
XYZ	22.5708, 38.1445, 29.0947
YIQ	126.3330, -95.3100, -56.8620

Conversions

Conversions Part 2

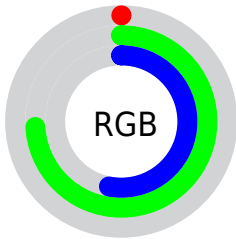
Format	Color
RYB	0, 110, 189
Decimal	48519
CIELab	68.13, -52.99, 16.23
CIELCh	68, 55.418, 162.973
Yxy	38.1460, 0.2513, 0.4247
Android (android.graphics.Color)	4278238599 (0xFF00BD87)
YUV	126.3330, 4.2728, -110.7940
Hunter-Lab	61.7612, -42.8489, 15.3023

Details

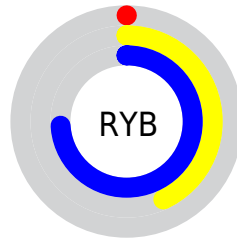
The HunterLab color **61.7612, -42.8489, 15.3023** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **33.2958, 57.8176, 15.3100**, and the grayscale version is **45.8206, -2.4449, 2.4895**.

A 20% lighter version of the original color is **84.9347, -49.7130, 18.2542**, and **42.0786, -30.5178, 13.2847** is the 20% darker color. If you saturate the color by 10%, you get **61.7622, -42.8504, 15.3044**, and if you desaturate by 10%, it is **61.9996, -41.6230, 13.5995**.

Distribution



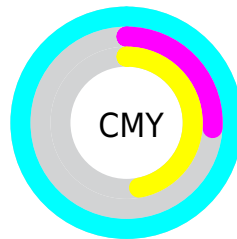
- Red (0%)
- Green (74%)
- Blue (53%)



- Red (0%)
- Yellow (43%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7612, -42.8489, 15.3023 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 61.7612, -42.8489, 15.3023 by changing the saturation by 10% instead.

61.7612, -42.8489,
15.3023

61.7612, -42.8489,
15.3023

183.9146,
-71.3545, 28.2419

51.0842, -39.0924,
13.8150

85.0481, -49.8519,
18.2125

41.1041, -35.1042,
12.2903

97.5892, -53.1594,
19.6487

31.8747, -30.8140,
10.7109

110.6924,
-56.3665, 21.0792

23.4631, -26.1147,
9.0490

124.3347,
-59.4892, 22.5073

15.9581, -21.0594,
7.2575

138.4955,
-62.5400, 23.9357

9.4863, -16.6010,
6.6404

153.1565,

0.0000, NaN, NaN

-65.5291, 25.3666

0.0000, NaN, NaN

168.3012,
-68.4650, 26.8015

0.0000, NaN, NaN

■ 61.7612, -42.8489,
15.3023

■ 61.7612, -42.8489,
15.3023

■ 61.7622, -42.8504,
15.3044

■ 61.9996, -41.6230,
13.5995

■ 62.3493, -39.9324,
11.9368

■ 62.8483, -37.6395,
10.3655

■ 63.5124, -34.7001,
8.9160

■ 64.3526, -31.0961,
7.6139

■ 65.3760, -26.8315,
6.4802

■ 66.5864, -21.9283,
5.5309

■ 67.9850, -16.4230,
4.7769

■ 69.5703, -10.3623,
4.2246

Harmonies

Analogous

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



61.7624, -32.7537, 28.3236



61.7612, -42.8489, 15.3023



61.7624, -43.4886, -7.8027

Triad

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



61.7624, -42.8494, 15.3028



61.7624, 7.8605, -59.8113



61.7624, 35.9294, 27.1053

Complementary

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



61.7612, -42.8489, 15.3023



33.2958, 57.8176, 15.3100

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.



61.7624, 50.8351, 12.7666



61.7612, -42.8489, 15.3023



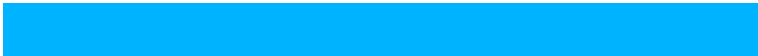
61.7624, 32.9791, -40.2951

Square

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



61.7624, -42.8494, 15.3028



61.7624, -16.7464, -58.2435



61.7624, 49.6768, -11.5734



61.7624, 11.4079, 33.0400

Rectangle

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



61.7612, -42.8489, 15.3023



61.7624, -38.6560, -27.0410



61.7624, 49.6768, -11.5734



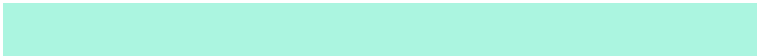
61.7624, 42.3931, 23.4209

Sweetspot

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



61.7624, -42.8494, 15.3028



89.0247, -29.6860, 7.4579



61.0393, -48.7139, 36.7588



40.9549, -15.0884, 3.6948



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



61.7624, -42.8494, 15.3028



82.6275, -57.5057, 20.8611



50.8665, -17.8301, -25.0874



32.8052, -4.6882, 1.9756



50.6739, -35.0654, 12.3582



10.0826, -6.6143, 1.6761

Inverse Universe

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



33.2958, 57.8176, 15.3100



44.5175, 77.2295, 21.0774



34.9194, 49.6852, 22.3861



30.9516, 1.4250, 1.5730



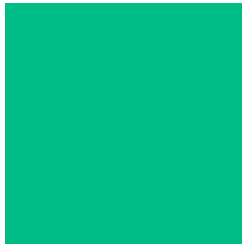
27.3314, 47.5040, 12.2490



5.5163, 9.7942, 0.8719

Previews

White Background



This preview shows how the HunterLab color 61.7612, -42.8489, 15.3023 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 61.7612, -42.8489, 15.3023 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 61.7612, -42.8489, 15.3023 Background



This preview shows how black text looks on a background with the HunterLab color 61.7612, -42.8489, 15.3023.



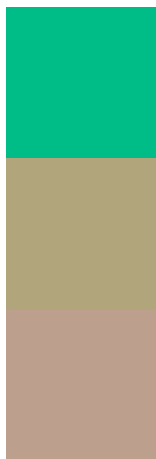
This preview shows how white text looks on a background with the HunterLab color 61.7612, -42.8489, 15.3023.

-42.8489, 15.3023.

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

61.7612, -42.8489, 15.3023

Protanopia

61.4106, -5.0822, 19.3416

Deuteranopia

61.2928, 4.1803, 13.0866



Tritanopia

61.7171, -25.4678, -12.5868

Trichromacy



Original Color

61.7612, -42.8489, 15.3023



Protanomaly

59.4486, -26.4408, 15.8014



Deuteranomaly

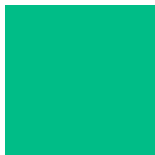
58.8274, -21.6873, 11.2513



Tritanomaly

61.4720, -33.0785, -1.3233

Monochromacy



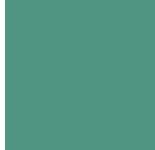
Original Color

61.7612, -42.8489, 15.3023



Achromatopsia

45.6768, -2.4372, 2.4817



Achromatomaly

49.7849, -22.5208, 5.5488

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.7612, -42.8489, 15.3023 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(0, 189, 135)` looks like.

```
.text, #text, p{  
  color:rgb(0, 189, 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(0, 189, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 61.7612, -42.8489, 15.3023 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(0, 189, 135) }
```


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

```
.border{ border-color:rgb(0, 189, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.7612, -42.8489, 15.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 135) }
```

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

```
.background{ background-color: rgb(0, 189,  
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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