

Converting Colors

HunterLab(73.9313, -46.5287,
15.5598)

Have a look what the booklet for
HunterLab(73.9313, -46.5287,
15.5598) contains.

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Color

**HunterLab(73.7870,
-46.3180, 15.2799)**

Conversions

Conversions Part 1

Format	Color
Hex	3DDBA7
RGB	61, 219, 167
RGB Percent	24%, 86%, 65%
CMY	0.7608, 0.1412, 0.3451
CMYK	0.72, 0.00, 0.24, 0.14
HSL	160°, 69%, 55%
HSV	160°, 72%, 86%
XYZ	34.2311, 54.4452, 45.2641
YIQ	165.8300, -77.4760, -49.6680

Conversions

Conversions Part 2

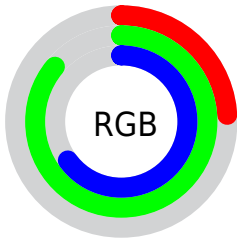
Format	Color
RYB	61, 156, 219
Decimal	4053927
CIELab	78.72, -52.54, 14.05
CIELCh	79, 54.386, 165.033
Yxy	54.4474, 0.2556, 0.4065
Android (android.graphics.Color)	4282244007 (0xFF3DDBA7)
YUV	165.8300, 0.5768, -91.9359
Hunter-Lab	73.7870, -46.3180, 15.2799

Details

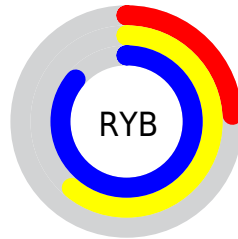
The HunterLab color **73.7870, -46.3180, 15.2799** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **44.2619, 59.1114, 7.3788**, and the grayscale version is **61.7039, -3.2924, 3.3525**.

A 20% lighter version of the original color is **90.2558, -43.2441, 9.4608**, and **52.3757, -36.4752, 13.2743** is the 20% darker color. If you saturate the color by 10%, you get **73.2320, -48.9377, 17.4189**, and if you desaturate by 10%, it is **74.5412, -42.9180, 13.2438**.

Distribution



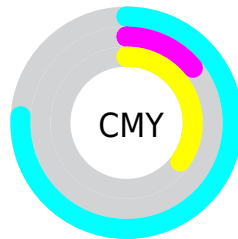
- Red (24%)
- Green (86%)
- Blue (65%)



- Red (24%)
- Yellow (61%)
- Blue (86%)



- Cyan (72%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)



- Cyan (76%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.7870, -46.3180, 15.2799 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 73.7870, -46.3180, 15.2799 by changing the saturation by 10% instead.

■ 73.7870, -46.3180,
15.2799

■ 73.7870, -46.3180,
15.2799

200.9512,
-73.8693, 27.3564

■ 62.4175, -42.7808,
13.9397

■ 98.3518, -52.9902,
17.9421

■ 51.6993, -39.0652,
12.5837

■ 111.4877,
-56.1692, 19.2710

■ 41.6763, -35.1245,
11.2032

■ 125.1613,
-59.2656, 20.6025

■ 32.4007, -30.8899,
9.7839

■ 139.3523,
-62.2919, 21.9385

■ 23.9383, -26.2583,
8.3034

154.0425,
-65.2578, 23.2809

■ 16.3764, -21.1665,
6.7235

169.2154,

■ 9.8386, -17.2176,

-68.1716, 24.6306

6.4693

184.8562,
-71.0402, 25.9889

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.7870, -46.3180,
15.2799

■ 73.7870, -46.3180,
15.2799

■ 73.2320, -48.9377,
17.4189

■ 74.5412, -42.9180,
13.2438

■ 72.8507, -50.8388,
19.6188

■ 75.5049, -38.7075,
11.3433


■ 72.6424, -51.9499,
21.3483


■ 76.6893, -33.6875,
9.6089


■ 78.0997, -27.8821,
8.0649

■ 79.7380, -21.3343,

6.7300

 81.6029, -14.1012,
5.6168

 83.6906, -6.2485,
4.7325

 85.9951, 2.1533,
4.0789

 88.1726, 9.9207,
3.2320

Harmonies

Analogous

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



73.7885, -36.1050, 30.3542



73.7870, -46.3180, 15.2799



73.7885, -46.3074, -9.4236

Triad

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



73.7885, -46.3186, 15.2806



73.7885, 9.4879, -58.3111



73.7885, 34.8460, 30.3767

Complementary

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



73.7870, -46.3180, 15.2799



44.2619, 59.1114, 7.3788

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.



73.7885, 50.8564, 15.3244



73.7870, -46.3180, 15.2799



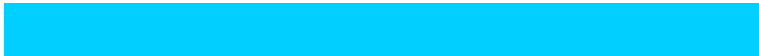
73.7885, 34.8943, -38.1512

Square

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



73.7885, -46.3186, 15.2806



73.7885, -16.4222, -58.3356



73.7885, 50.8752, -9.3618



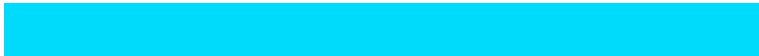
73.7885, 9.4290, 36.7869

Rectangle

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



73.7870, -46.3180, 15.2799



73.7885, -40.5993, -28.8571



73.7885, 50.8752, -9.3618



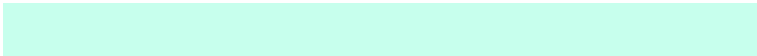
73.7885, 41.6530, 26.4455

Sweetspot

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



73.7885, -46.3186, 15.2806



94.7290, -25.3842, 8.0025



73.8630, -49.3378, 41.1058



43.5674, -12.7666, 3.8913

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.7885, -46.3186, 15.2806



86.7309, -59.5072, 22.1540



66.4089, -25.6102, -19.3634



38.4095, -5.6254, 2.5035



55.9548, -39.8872, 16.1664



14.2969, -9.8165, 3.3211

Inverse Universe

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



44.2619, 59.1114, 7.3788



48.3737, 79.1765, 14.4250



47.1900, 44.1061, 24.3025



36.2241, 1.8100, 1.6529



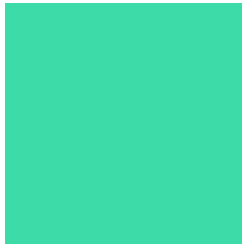
30.3744, 52.9919, 12.0702



7.8315, 13.8559, 1.6164

Previews

White Background



This preview shows how the HunterLab color 73.7870, -46.3180, 15.2799 looks on a white background.

Color Contrast Check

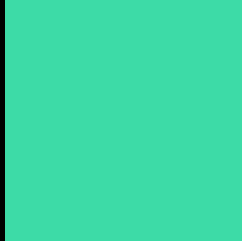
Large Text (above 18pt) WCAG AA × Fail

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 73.7870, -46.3180, 15.2799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

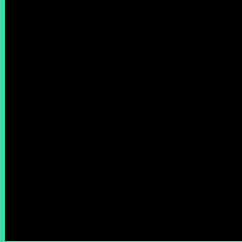
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

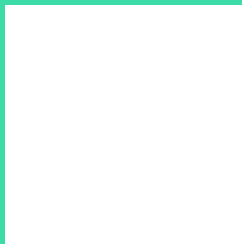
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 73.7870, -46.3180, 15.2799 Background



This preview shows how black text looks on a background with the HunterLab color 73.7870, -46.3180, 15.2799.



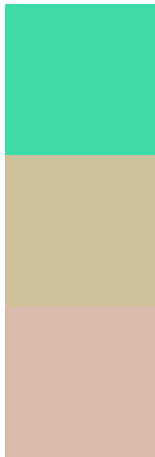
This preview shows how white text looks on a background with the HunterLab color 73.7870, -46.3180, 15.2799.

-46.3180, 15.2799.

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

73.7870, -46.3180, 15.2799

Protanopia

73.1110, -5.6754, 20.1588

Deuteranopia

72.9615, 5.4367, 12.5129



Tritanopia

73.6979, -28.6557, -14.1387

Trichromacy



Original Color

73.7870, -46.3180, 15.2799



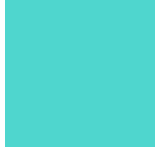
Protanomaly

71.7750, -24.8471, 16.6972



Deuteranomaly

71.4212, -18.9058, 11.6945



Tritanomaly

73.6285, -35.7275, -2.2770

Monochromacy



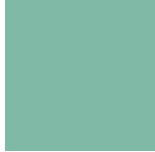
Original Color

73.7870, -46.3180, 15.2799



Achromatopsia

61.7516, -3.2949, 3.3551



Achromatomaly

64.8385, -22.2497, 6.5745

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.7870, -46.3180, 15.2799 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(61, 219, 167)` looks like.

```
.text, #text, p{  
    color:rgb(61, 219, 167)  
}
```

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(61, 219, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 219, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 73.7870, -46.3180, 15.2799 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(61, 219, 167) }
```


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

```
.border{ border-color:rgb(61, 219, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 219, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 219, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 219, 167);  
box-shadow:4px 4px 4px 4px rgb(61, 219,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.7870, -46.3180, 15.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 219, 167) }
```

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

```
.background{ background-color: rgb(61, 219,  
167) }
```

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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