

Converting Colors

HunterLab(85.4820, -83.7846,
23.1702)

Have a look what the booklet for
HunterLab(85.4820, -83.7846,
23.1702) contains.

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Color

**HunterLab(86.3801,
-61.2790, 24.3162)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFAF
RGB	0, 255, 175
RGB Percent	0%, 100%, 69%
CMY	0.9999, 0.0000, 0.3137
CMYK	1.00, 0.00, 0.31, 0.00
HSL	161°, 100%, 50%
HSV	161°, 100%, 100%
XYZ	43.4979, 74.6152, 52.6670
YIQ	169.6350, -126.3000, -78.9400

Conversions

Conversions Part 2

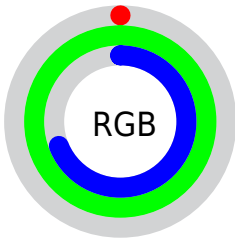
Format	Color
RYB	0, 151, 255
Decimal	65455
CIELab	89.21, -68.19, 24.40
CIELCh	89, 72.423, 160.309
Yxy	74.6155, 0.2547, 0.4369
Android (android.graphics.Color)	4278255535 (0xFF00FFAF)
YUV	169.6350, 2.6449, -148.7699
Hunter-Lab	86.3801, -61.2790, 24.3162

Details

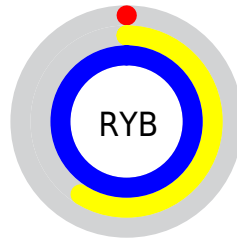
The HunterLab color **86.3801, -61.2790, 24.3162** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **46.7337, 81.2691, 20.5836**, and the grayscale version is **63.2820, -3.3766, 3.4382**.

A 20% lighter version of the original color is **90.0014, -43.6881, 4.8899**, and **64.2944, -47.3302, 21.8101** is the 20% darker color. If you saturate the color by 10%, you get **86.3799, -61.2801, 24.3188**, and if you desaturate by 10%, it is **86.6906, -59.6243, 21.7335**.

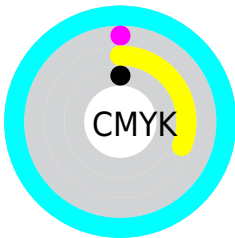
Distribution



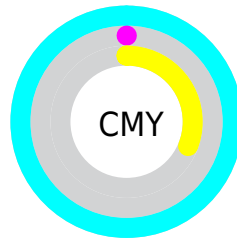
- Red (0%)
- Green (100%)
- Blue (69%)



- Red (0%)
- Yellow (59%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.3801, -61.2790, 24.3162 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 86.3801, -61.2790, 24.3162 by changing the saturation by 10% instead.

86.3801, -61.2790,
24.3162

86.3801, -61.2790,
24.3162

218.3105,
-94.6053, 40.3696

74.3626, -56.9878,
22.4320

112.1463,
-69.3781, 27.9851

62.9605, -52.4936,
20.5029

125.8458,
-73.2358, 29.7856

52.2094, -47.7491,
18.5139

140.0617,
-76.9895, 31.5702

42.1512, -42.6912,
16.4452

154.7759,
-80.6528, 33.3428

32.8375, -37.2313,
14.2683

169.9721,
-84.2372, 35.1066

24.3333, -31.2402,
11.9410

185.6354,

16.7247, -25.4579,

-87.7523, 36.8643

9.5457

201.7524,
-91.2061, 38.6180

■ 10.1330, -17.7328,
7.0931

0.0000, NaN, NaN

■ 86.3801, -61.2790,
24.3162

■ 86.3801, -61.2790,
24.3162

■ 86.3799, -61.2801,
24.3188

■ 86.6906, -59.6243,
21.7335

■ 87.1702, -57.2648,
19.1843

■ 87.8648, -54.0306,
16.7333

■ 88.7987, -49.8509,
14.4274

■ 89.9887, -44.6965,
12.3072

■ 91.4460, -38.5720,
10.4066

■ 93.1763, -31.5101,
8.7526

■ 95.1812, -23.5657,
7.3651

■ 97.4587, -14.8097,
6.2564

Harmonies

Analogous

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



86.3802, -45.5032, 41.7016



86.3801, -61.2790, 24.3162



86.3802, -63.4070, -8.1244

Triad

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



86.3802, -61.2781, 24.3155



86.3802, 8.3132, -90.2019



86.3802, 55.7129, 37.7105

Complementary

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



86.3801, -61.2790, 24.3162



46.7337, 81.2691, 20.5836

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.



86.3802, 75.8868, 15.8204



86.3801, -61.2790, 24.3162



86.3802, 45.6605, -63.3108

Square

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



86.3802, -61.2781, 24.3155



86.3802, -27.0216, -84.7827



86.3802, 71.9299, -20.9668



86.3802, 20.3404, 46.9103

Rectangle

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



86.3801, -61.2790, 24.3162



86.3802, -57.2559, -36.2516



86.3802, 71.9299, -20.9668



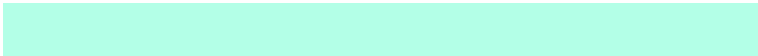
86.3802, 64.7427, 32.0731

Sweetspot

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



86.3802, -61.2781, 24.3155



93.1738, -31.5200, 8.7547



85.5917, -68.1720, 51.5471



42.7535, -16.0113, 4.3584

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

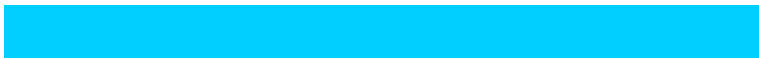
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3802, -61.2781, 24.3155



86.3799, -61.2801, 24.3188



72.4272, -26.5175, -33.2823



45.1428, -6.6474, 2.8731



62.4628, -44.1582, 17.2519



19.5413, -13.4690, 4.6507

Inverse Universe

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



46.7337, 81.2691, 20.5836



46.7325, 81.2705, 20.5884



48.2445, 71.8848, 30.9853



42.5217, 2.1732, 2.0140



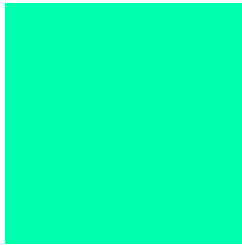
33.8158, 58.8756, 14.3710



10.6402, 18.6964, 3.1954

Previews

White Background



This preview shows how the HunterLab color 86.3801, -61.2790, 24.3162 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 86.3801, -61.2790, 24.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

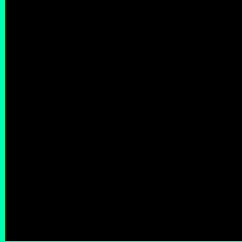
Any Text WCAG AA ✓ Pass

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 86.3801, -61.2790, 24.3162 Background



This preview shows how black text looks on a background with the HunterLab color 86.3801, -61.2790, 24.3162.



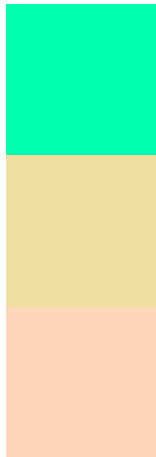
This preview shows how white text looks on a background with the HunterLab color 86.3801, -61.2790, 24.3162.

-61.2790, 24.3162.

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

86.3801, -61.2790, 24.3162

Protanopia

85.5169, -7.5860, 29.5043

Deuteranopia

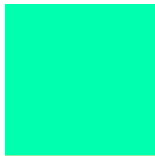
85.3805, 5.6041, 20.4503



Tritanopia

85.9881, -28.8554, -12.7530

Trichromacy



Original Color

86.3801, -61.2790, 24.3162



Protanomaly

82.6061, -38.3259, 24.6808



Deuteranomaly

81.9130, -31.4203, 17.8911



Tritanomaly

85.2802, -44.3212, 1.7499

Monochromacy



Original Color

86.3801, -61.2790, 24.3162



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

69.2387, -32.1806, 8.6795

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.3801, -61.2790, 24.3162 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, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 175)  
}
```

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, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 86.3801, -61.2790, 24.3162 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, 255, 175) }
```


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

```
.border{ border-color:rgb(0, 255, 175) }
```

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

Here you see how a box with a 4 pixel rgb(0, 255, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.3801, -61.2790, 24.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 175) }
```

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

```
.background{ background-color: rgb(0, 255,  
175) }
```

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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