

Converting Colors

HunterLab(86.4306, -60.9692,
23.5843)

Have a look what the booklet for
HunterLab(86.4306, -60.9692,
23.5843) contains.

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Color

**HunterLab(86.4259,
-60.9980, 23.6523)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFB1
RGB	0, 255, 177
RGB Percent	0%, 100%, 69%
CMY	0.9999, 0.0000, 0.3059
CMYK	1.00, 0.00, 0.31, 0.00
HSL	162°, 100%, 50%
HSV	162°, 100%, 100%
XYZ	43.6958, 74.6944, 53.7095
YIQ	169.8630, -126.9420, -78.3180

Conversions

Conversions Part 2

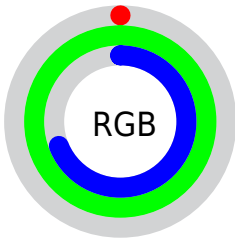
Format	Color
RYB	0, 151, 255
Decimal	65457
CIELab	89.25, -67.76, 23.44
CIELCh	89, 71.704, 160.921
Yxy	74.6946, 0.2539, 0.4340
Android (android.graphics.Color)	4278255537 (0xFF00FFB1)
YUV	169.8630, 3.5185, -148.9699
Hunter-Lab	86.4259, -60.9980, 23.6523

Details

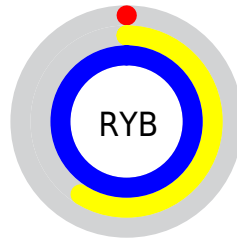
The HunterLab color **86.4259, -60.9980, 23.6523** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **46.7025, 81.1542, 21.0409**, and the grayscale version is **63.3729, -3.3814, 3.4432**.

A 20% lighter version of the original color is **90.0645, -43.3152, 3.9897**, and **64.3333, -47.0904, 21.2436** is the 20% darker color. If you saturate the color by 10%, you get **86.4257, -60.9991, 23.6549**, and if you desaturate by 10%, it is **86.7341, -59.3584, 21.1046**.

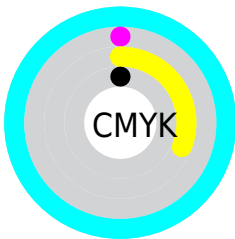
Distribution



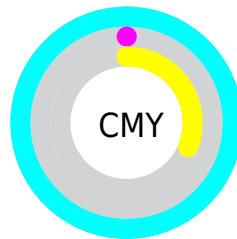
- Red (0%)
- Green (100%)
- Blue (69%)



- 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 86.4259, -60.9980, 23.6523 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 86.4259, -60.9980, 23.6523 by changing the saturation by 10% instead.


 86.4259, -60.9980,
23.6523

 86.4259, -60.9980,
23.6523


218.3729,
-94.1456, 39.3301


 74.4062, -56.7323,
21.8211


 112.1963,
-69.0506, 27.2242


 63.0018, -52.2654,
19.9487


 125.8977,
-72.8869, 28.9798


 52.2481, -47.5505,
18.0208


 140.1155,
-76.6201, 30.7215

 42.1873, -42.5249,
16.0186

 154.8315,
-80.2640, 32.4530

 32.8707, -37.1006,
13.9151

 170.0295,
-83.8297, 34.1774

 24.3634, -31.1495,
11.6695

185.6946,

 16.7513, -25.3585,

-87.3267, 35.8970

9.3130

201.8132,
-90.7631, 37.6140

■ 10.1554, -17.7720,
7.1088

0.0000, NaN, NaN

■ 86.4259, -60.9980,
23.6523

■ 86.4259, -60.9980,
23.6523

■ 86.4257, -60.9991,
23.6549

■ 86.7341, -59.3584,
21.1046

■ 87.2108, -57.0178,
18.5983

■ 87.9019, -53.8061,
16.1981

■ 88.8318, -49.6525,
13.9507

■ 90.0174, -44.5270,
11.8962

■ 91.4696, -38.4338,
10.0679

■ 93.1945, -31.4052,
8.4920

■ 95.1936, -23.4954,
7.1875

■ 97.4650, -14.7745,
6.1661

Harmonies

Analogous

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



86.4261, -45.6047, 41.2437



86.4259, -60.9980, 23.6523



86.4261, -62.8370, -8.7867

Triad

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



86.4261, -60.9971, 23.6516



86.4261, 8.9538, -88.6910



86.4261, 54.4435, 37.7809

Complementary

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



86.4259, -60.9980, 23.6523



46.7025, 81.1542, 21.0409

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.



86.4261, 74.7940, 16.3196



86.4259, -60.9980, 23.6523



86.4261, 45.8020, -61.6776

Square

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



86.4261, -60.9971, 23.6516



86.4261, -26.1889, -84.0479



86.4261, 71.3946, -19.8276



86.4261, 19.3051, 46.7738

Rectangle

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



86.4259, -60.9980, 23.6523



86.4261, -56.5396, -36.6483



86.4261, 71.3946, -19.8276



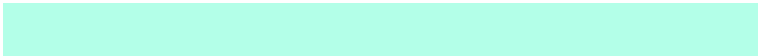
86.4261, 63.4824, 32.2563

Sweetspot

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



86.4261, -60.9971, 23.6516



93.1921, -31.4150, 8.4939



85.5917, -68.1720, 51.5471



42.7631, -15.9561, 4.2223

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

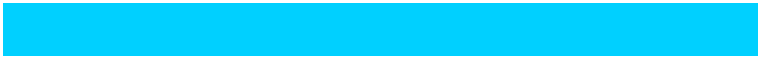
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4261, -60.9971, 23.6516



86.4257, -60.9991, 23.6549



72.4272, -26.5175, -33.2823



45.1456, -6.6318, 2.8333



62.4957, -43.9567, 16.7757



19.5509, -13.4102, 4.5117

Inverse Universe

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



46.7025, 81.1542, 21.0409



46.7014, 81.1555, 21.0455



48.2445, 71.8849, 30.9853



42.5189, 2.1580, 2.0541



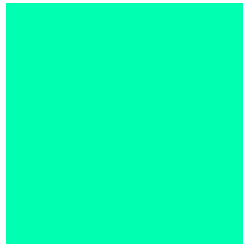
33.7927, 58.7903, 14.7099



10.6319, 18.6660, 3.3157

Previews

White Background



This preview shows how the HunterLab color 86.4259, -60.9980, 23.6523 looks on a white background.

Color Contrast Check

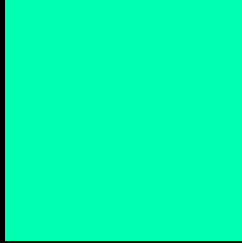
Large Text (above 18pt) WCAG AA × Fail

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 86.4259, -60.9980, 23.6523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

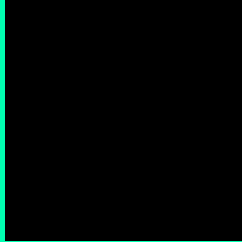
Any Text WCAG AA ✓ Pass

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 86.4259, -60.9980, 23.6523 Background



This preview shows how black text looks on a background with the HunterLab color 86.4259, -60.9980, 23.6523.



This preview shows how white text looks on a background with the HunterLab color 86.4259, -60.9980, 23.6523.

-60.9980, 23.6523.

Color Blindness Simulation

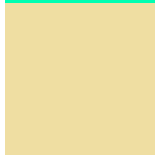
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



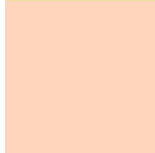
Original Color

86.4259, -60.9980, 23.6523



Protanopia

85.5581, -7.3586, 28.9040



Deuteranopia

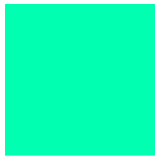
85.4307, 5.8728, 19.7258



Tritanopia

85.9881, -28.8554, -12.7530

Trichromacy



Original Color

86.4259, -60.9980, 23.6523



Protanomaly

82.6505, -38.0643, 24.0364



Deuteranomaly

81.9638, -31.1252, 17.1580



Tritanomaly

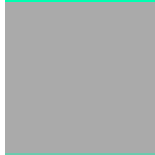
85.3125, -44.1293, 1.2907

Monochromacy



Original Color

86.4259, -60.9980, 23.6523



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

69.2666, -32.0167, 8.2804

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.4259, -60.9980, 23.6523 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 86.4259, -60.9980, 23.6523 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, 177) }
```


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

```
.border{ border-color:rgb(0, 255, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.4259, -60.9980, 23.6523 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, 177) }
```

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

```
.background{ background-color: rgb(0, 255,  
177) }
```

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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