

Converting Colors

HunterLab(85.5118, -66.6355,
36.9646)

Have a look what the booklet for
HunterLab(85.5118, -66.6355,
36.9646) contains.

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Color

**HunterLab(85.5171,
-66.6027, 36.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF82
RGB	0, 255, 130
RGB Percent	0%, 100%, 51%
CMY	0.9999, 0.0000, 0.4902
CMYK	1.00, 0.00, 0.49, 0.00
HSL	151°, 100%, 50%
HSV	151°, 100%, 100%
XYZ	39.7893, 73.1317, 33.1379
YIQ	164.5050, -111.8550, -92.9350

Conversions

Conversions Part 2

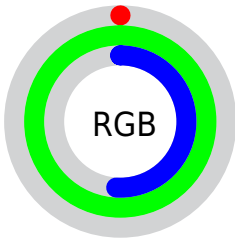
Format	Color
RYB	0, 169, 255
Decimal	65410
CIELab	88.51, -76.44, 45.66
CIELCh	89, 89.039, 149.149
Yxy	73.1319, 0.2724, 0.5007
Android (android.graphics.Color)	4278255490 (0xFF00FF82)
YUV	164.5050, -17.0110, -144.2709
Hunter-Lab	85.5171, -66.6027, 36.8871

Details

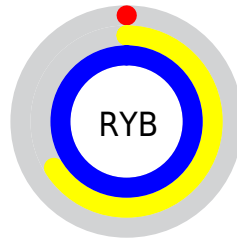
The HunterLab color **85.5171, -66.6027, 36.8871** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **47.6878, 84.7705, 6.7418**, and the grayscale version is **61.2395, -3.2676, 3.3273**.

A 20% lighter version of the original color is **88.7332, -51.2418, 23.1110**, and **63.6259, -51.4729, 31.5883** is the 20% darker color. If you saturate the color by 10%, you get **85.5170, -66.6030, 36.8880**, and if you desaturate by 10%, it is **85.8495, -64.7930, 33.9545**.

Distribution



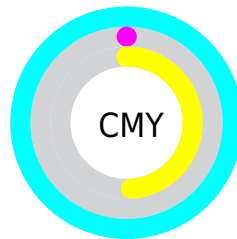
- Red (0%)
- Green (100%)
- Blue (51%)



- Red (0%)
- Yellow (66%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.5171, -66.6027, 36.8871 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 85.5171, -66.6027, 36.8871 by changing the saturation by 10% instead.


 85.5171, -66.6027,
36.8871

 85.5171, -66.6027,
36.8871


217.1340,
-103.4507, 61.6318

 73.5417, -61.8091,
33.7740


 111.2045,
-75.6188, 42.8085


 62.1841, -56.7755,
30.5331


 124.8670,
-79.8988, 45.6497


 51.4802, -51.4475,
27.1356


 139.0473,
-84.0546, 48.4271

 41.4724, -45.7526,
23.5464

 153.7271,
-88.1024, 51.1499

 32.2132, -39.5898,
19.7223

 168.8899,
-92.0556, 53.8258

 23.7688, -32.8163,
16.0284


184.5209,

 16.2271, -27.4987,


-95.9253, 56.4612


11.3590


200.6065,
-99.7210, 59.0617


 9.7128, -16.9974,
6.7989


0.0000, NaN, NaN


 85.5171, -66.6027,
36.8871


 85.5171, -66.6027,
36.8871

 85.5170, -66.6030,
36.8880

 85.8495, -64.7930,
33.9545

 86.3660, -62.1804,
30.8400

 87.1128, -58.5931,
27.6033

 88.1142, -53.9644,
24.2942

■ 89.3868, -48.2727,
20.9614

■ 90.9406, -41.5339,
17.6517

■ 92.7805, -33.7940,
14.4084

■ 94.9068, -25.1218,
11.2701

■ 97.3161, -15.6023,
8.2691

Harmonies

Analogous

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



85.5172, -42.5673, 49.7215



85.5171, -66.6027, 36.8871



85.5172, -74.7087, 5.8612

Triad

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



85.5172, -66.6021, 36.8863



85.5172, -5.8413, -124.2648



85.5172, 84.2847, 35.6930

Complementary

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



85.5171, -66.6027, 36.8871



47.6878, 84.7705, 6.7418

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.



85.5172, 99.5750, 3.4308



85.5171, -66.6027, 36.8871



85.5172, 41.5009, -102.1022

Square

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



85.5172, -66.6021, 36.8863



85.5172, -44.3643, -99.6246



85.5172, 82.5326, -48.8452



85.5172, 44.1724, 49.3238

Rectangle

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



85.5171, -66.6027, 36.8871



85.5172, -71.6084, -26.7773



85.5172, 82.5326, -48.8452



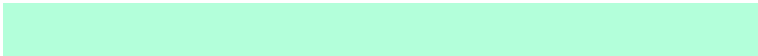
85.5172, 92.8227, 27.3843

Sweetspot

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



85.5172, -66.6021, 36.8863



92.7793, -33.7989, 14.4103



87.2188, -61.3795, 52.6689



42.5489, -17.2012, 7.2946

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.5172, -66.6021, 36.8863



85.5170, -66.6030, 36.8880



88.7356, -47.0431, -9.3586



45.0808, -6.9935, 3.7596



61.8410, -47.9926, 26.3063



19.3538, -14.6218, 7.3737

Inverse Universe

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



47.6878, 84.7705, 6.7418



47.6873, 84.7710, 6.7444



46.1090, 78.9612, 29.7939



42.5858, 2.5174, 1.1006



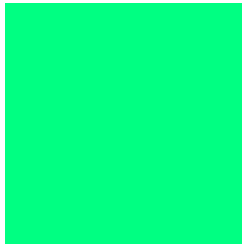
34.5145, 61.4358, 4.2517



10.8714, 19.5399, -0.1237

Previews

White Background



This preview shows how the HunterLab color 85.5171, -66.6027, 36.8871 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 85.5171, -66.6027, 36.8871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

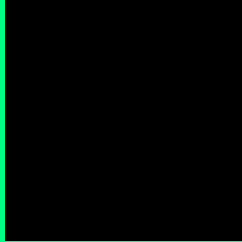
Any Text WCAG AA ✓ Pass

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 85.5171, -66.6027, 36.8871 Background



This preview shows how black text looks on a background with the HunterLab color 85.5171, -66.6027, 36.8871.



This preview shows how white text looks on a background with the HunterLab color 85.5171, -66.6027, 36.8871.

-66.6027, 36.8871.

Color Blindness Simulation

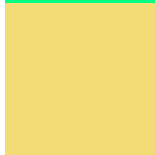
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.5171, -66.6027, 36.8871



Protanopia

84.4817, -9.4890, 39.8625



Deuteranopia

84.5747, 3.3954, 27.5522



Tritanopia

85.2374, -29.9314, -13.8090

Trichromacy



Original Color

85.5171, -66.6027, 36.8871



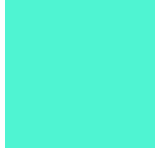
Protanomaly

81.5800, -42.1631, 36.1495



Deuteranomaly

80.8920, -34.9554, 27.4604



Tritanomaly

84.2715, -47.4812, 8.1985

Monochromacy



Original Color

85.5171, -66.6027, 36.8871



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

67.5710, -34.5421, 14.9670

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.5171, -66.6027, 36.8871 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 85.5171, -66.6027, 36.8871 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, 130) }
```


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

```
.border{ border-color:rgb(0, 255, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.5171, -66.6027, 36.8871 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, 130) }
```

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

```
.background{ background-color: rgb(0, 255,  
130) }
```

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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