

Converting Colors

HunterLab(84.8602, -65.5177,
35.8484)

Have a look what the booklet for
HunterLab(84.8602, -65.5177,
35.8484) contains.

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Color

**HunterLab(84.8455,
-65.5298, 35.8796)**

Conversions

Conversions Part 1

Format	Color
Hex	0BFD84
RGB	11, 253, 132
RGB Percent	4%, 99%, 52%
CMY	0.9568, 0.0078, 0.4823
CMYK	0.96, 0.00, 0.48, 0.01
HSL	150°, 98%, 52%
HSV	150°, 96%, 99%
XYZ	39.4281, 71.9876, 33.6466
YIQ	166.8480, -105.3910, -88.9350

Conversions

Conversions Part 2

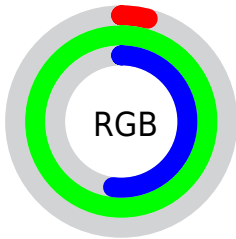
Format	Color
RYB	11, 172, 253
Decimal	785796
CIELab	87.96, -75.21, 44.03
CIELCh	88, 87.155, 149.655
Yxy	71.9905, 0.2718, 0.4963
Android (android.graphics.Color)	4278975876 (0xFF0BFD84)
YUV	166.8480, -17.1801, -136.6787
Hunter-Lab	84.8455, -65.5298, 35.8796

Details

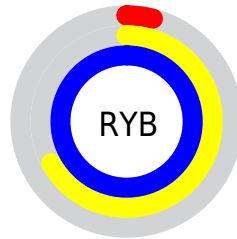
The HunterLab color **84.8455, -65.5298, 35.8796** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **47.7385, 83.9536, 3.7654**, and the grayscale version is **62.2039, -3.3190, 3.3797**.

A 20% lighter version of the original color is **88.8199, -50.7991, 22.4580**, and **62.9360, -50.6822, 30.7438** is the 20% darker color. If you saturate the color by 10%, you get **84.7186, -66.2446, 37.1122**, and if you desaturate by 10%, it is **85.2454, -63.4329, 32.8827**.

Distribution



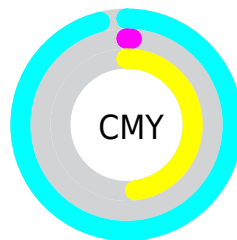
- Red (4%)
- Green (99%)
- Blue (52%)



- Red (4%)
- Yellow (67%)
- Blue (99%)



- Cyan (96%)
- Magenta (0%)
- Yellow (48%)
- Black (1%)





- Cyan (96%)
- Magenta (1%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.8455, -65.5298, 35.8796 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 84.8455, -65.5298, 35.8796 by changing the saturation by 10% instead.


 84.8455, -65.5298,
35.8796


 84.8455, -65.5298,
35.8796


216.2195,
-101.9150, 59.9636


 72.9047, -60.7992,
32.8584


 110.4731,
-74.4317, 41.6337


 61.5819, -55.8295,
29.7127


 124.1067,
-78.6569, 44.3961

 50.9148, -50.5680,
26.4156


 138.2592,
-82.7598, 47.0979

 40.9465, -44.9422,
22.9317

 152.9121,
-86.7565, 49.7480

 31.7300, -38.8505,
19.2171

 168.0490,
-90.6601, 52.3539

 23.3324, -32.1485,
15.5896

183.6547,

 15.8432, -27.1160,

-94.4818, 54.9218

11.0902

199.7158,
-98.2308, 57.4569

■ 9.3897, -16.4320,
6.5728

0.0000, NaN, NaN

■ 84.8455, -65.5298,
35.8796

■ 84.8455, -65.5298,
35.8796

■ 84.7186, -66.2446,
37.1122

■ 85.2454, -63.4329,
32.8827

■ 85.8544, -60.4254,
29.7222

■ 86.7042, -56.4111,
26.4482

■ 87.8151, -51.3450,
23.1095

■ 89.2006, -45.2233,
19.7540

■ 90.8683, -38.0761,
16.4275

■ 92.8208, -29.9604,
13.1719

■ 95.0567, -20.9532,
10.0237

■ 97.5710, -11.1439,
7.0137

Harmonies

Analogous

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



84.8472, -42.2179, 48.8457



84.8455, -65.5298, 35.8796



84.8472, -73.2456, 5.0982

Triad

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



84.8472, -65.5307, 35.8801



84.8472, -5.0370, -120.4223



84.8472, 81.4900, 35.4027

Complementary

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



84.8455, -65.5298, 35.8796



47.7385, 83.9536, 3.7654

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.



84.8472, 96.8519, 4.1359



84.8455, -65.5298, 35.8796



84.8472, 41.1523, -98.2859

Square

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



84.8472, -65.5307, 35.8801



84.8472, -42.9319, -97.3142



84.8472, 80.7995, -46.4742



84.8472, 42.2071, 48.6845

Rectangle

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



84.8455, -65.5298, 35.8796



84.8472, -70.0264, -26.8906



84.8472, 80.7995, -46.4742



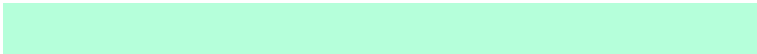
84.8472, 89.9377, 27.3372

Sweetspot

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



84.8472, -65.5307, 35.8801



92.9586, -33.0909, 14.3857



86.8996, -58.9259, 52.2991



42.6208, -16.9173, 7.3052

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8472, -65.5307, 35.8801



85.4782, -66.8442, 37.4571



87.8420, -47.3266, -7.1765



45.0773, -7.0125, 3.8084



61.8128, -48.1674, 26.7189



19.3449, -14.6765, 7.5028

Inverse Universe

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



47.7385, 83.9536, 3.7654



47.7552, 85.0187, 5.7702



45.9976, 77.5080, 29.1154



42.5894, 2.5368, 1.0492



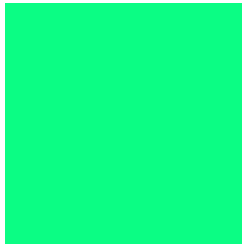
34.5638, 61.6153, 3.5461



10.8869, 19.5959, -0.3429

Previews

White Background



This preview shows how the HunterLab color 84.8455, -65.5298, 35.8796 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 84.8455, -65.5298, 35.8796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

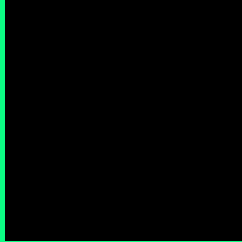
Any Text WCAG AA ✓ Pass

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 84.8455, -65.5298, 35.8796 Background



This preview shows how black text looks on a background with the HunterLab color 84.8455, -65.5298, 35.8796.



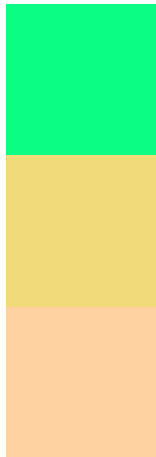
This preview shows how white text looks on a background with the HunterLab color 84.8455, -65.5298, 35.8796.

-65.5298, 35.8796.

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

84.8455, -65.5298, 35.8796

Protanopia

83.9907, -9.5727, 39.0435

Deuteranopia

83.8967, 3.9849, 28.2632



Tritanopia

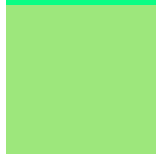
84.4783, -31.0455, -14.8876

Trichromacy



Original Color

84.8455, -65.5298, 35.8796



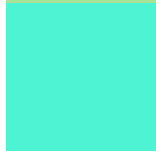
Protanomaly

81.1019, -40.4242, 35.3266



Deuteranomaly

80.4374, -33.2996, 27.7139



Tritanomaly

83.8642, -47.2706, 7.7429

Monochromacy



Original Color

84.8455, -65.5298, 35.8796



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

67.8500, -33.3490, 14.5102

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.8455, -65.5298, 35.8796 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(11, 253, 132)` looks like.

```
.text, #text, p{  
    color:rgb(11, 253, 132)  
}
```

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(11, 253, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 253, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 84.8455, -65.5298, 35.8796 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(11, 253, 132) }
```


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

```
.border{ border-color:rgb(11, 253, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 253, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 253, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 253, 132);  
box-shadow:4px 4px 4px 4px rgb(11, 253,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.8455, -65.5298, 35.8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 253, 132) }
```

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

```
.background{ background-color: rgb(11, 253,  
132) }
```

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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