

Converting Colors

HunterLab(85.8069, -65.5692,
38.5499)

Have a look what the booklet for
HunterLab(85.8069, -65.5692,
38.5499) contains.

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Color

**HunterLab(85.8069,
-65.5692, 38.5499)**

Conversions

Conversions Part 1

Format	Color
Hex	31FF7C
RGB	49, 255, 124
RGB Percent	19%, 100%, 49%
CMY	0.8078, 0.0000, 0.5137
CMYK	0.81, 0.00, 0.51, 0.00
HSL	142°, 100%, 60%
HSV	142°, 81%, 100%
XYZ	40.6647, 73.6282, 31.1373
YIQ	178.4720, -80.7250, -84.4130

Conversions

Conversions Part 2

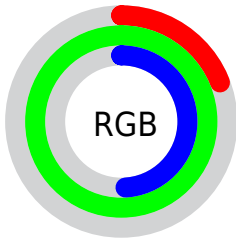
Format	Color
RYB	49, 200, 255
Decimal	3276668
CIELab	88.75, -74.73, 48.83
CIELCh	89, 89.272, 146.840
Yxy	73.6284, 0.2796, 0.5063
Android (android.graphics.Color)	4281466748 (0xFF31FF7C)
YUV	178.4720, -26.8547, -113.5469
Hunter-Lab	85.8069, -65.5692, 38.5499

Details

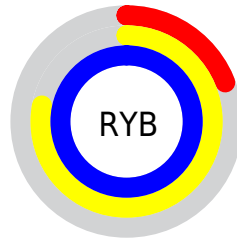
The HunterLab color **85.8069, -65.5692, 38.5499** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **51.7225, 84.0311, -16.1550**, and the grayscale version is **67.0535, -3.5778, 3.6431**.

A 20% lighter version of the original color is **89.1743, -49.7596, 25.7220**, and **63.5511, -51.9395, 32.6891** is the 20% darker color. If you saturate the color by 10%, you get **85.3149, -68.0790, 41.5603**, and if you desaturate by 10%, it is **86.5424, -61.9896, 35.1856**.

Distribution



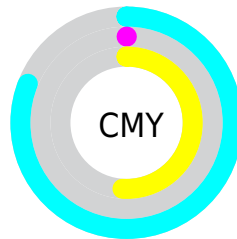
- Red (19%)
- Green (100%)
- Blue (49%)



- Red (19%)
- Yellow (78%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (81%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.8069, -65.5692, 38.5499 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 85.8069, -65.5692, 38.5499 by changing the saturation by 10% instead.


 85.8069, -65.5692,
38.5499


 85.8069, -65.5692,
38.5499


217.5293,
-101.6747, 64.6294

 73.8173, -60.8825,
35.2507


 111.5208,
-74.3912, 44.8151


 62.4448, -55.9638,
31.8128


 125.1957,
-78.5819, 47.8160

 51.7249, -50.7605,
28.2067


 139.3880,
-82.6529, 50.7459

 41.7002, -45.2021,
24.3968

 154.0794,
-86.6197, 53.6149

 32.4226, -39.1904,
20.3420

169.2534,
-90.4953, 56.4313

 23.9581, -32.5856,
16.6438


184.8953,

 16.3938, -27.0758,


-94.2905, 59.2020


11.4757


200.9914,
-98.0143, 61.9330


 9.8534, -17.2434,
6.8974


0.0000, NaN, NaN


 85.8069, -65.5692,
38.5499


 85.8069, -65.5692,
38.5499


 85.3149, -68.0790,
41.5603

 86.5424, -61.9896,
35.1856

 85.0338, -69.6102,
43.9837

 87.5469, -57.2692,
31.5114

 88.8378, -51.3851,
27.5742

 90.4256, -44.3571,
23.4259

■ 92.3150, -36.2389,
19.1208

■ 94.5058, -27.1100,
14.7122

■ 96.9935, -17.0670,
10.2509

■ 99.7706, -6.2164,
5.7822

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



85.8070, -40.1952, 50.3921



85.8069, -65.5692, 38.5499



85.8070, -74.9038, 9.0765

Triad

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



85.8070, -65.5686, 38.5491



85.8070, -9.2913, -124.4943



85.8070, 86.8616, 34.0982

Complementary

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



85.8069, -65.5692, 38.5499



51.7225, 84.0311, -16.1550

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.



85.8070, 99.7830, 0.0182



85.8069, -65.5692, 38.5499



85.8070, 37.9906, -105.7077

Square

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



85.8070, -65.5686, 38.5491



85.8070, -46.8926, -96.4812



85.8070, 80.3348, -53.5052



85.8070, 47.9434, 48.9074

Rectangle

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



85.8069, -65.5692, 38.5499



85.8070, -72.5795, -22.6981



85.8070, 80.3348, -53.5052



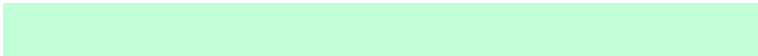
85.8070, 94.6965, 25.2235

Sweetspot

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



85.8070, -65.5686, 38.5491



93.7683, -30.1513, 16.1385



90.4417, -48.1051, 52.9825



43.0204, -15.4548, 8.1934

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.8070, -65.5686, 38.5491



85.1150, -69.1615, 43.2379



88.0683, -51.7746, 5.8361



45.0305, -7.2739, 4.4780



61.4885, -50.1859, 31.4817



19.2389, -15.3337, 9.0542

Inverse Universe

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



51.7225, 84.0311, -16.1550



49.1331, 88.7980, -11.0932



49.0251, 73.6188, 22.3422



42.6398, 2.8070, 0.3323



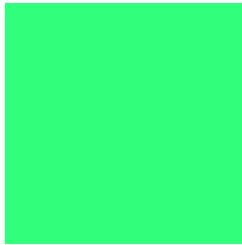
35.3617, 64.5048, -7.7451



11.1289, 20.4684, -3.7372

Previews

White Background



This preview shows how the HunterLab color 85.8069, -65.5692, 38.5499 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 85.8069, -65.5692, 38.5499 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

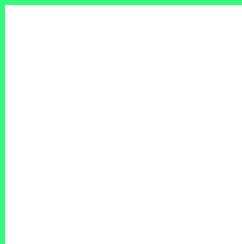
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.8069, -65.5692, 38.5499 Background



This preview shows how black text looks on a background with the HunterLab color 85.8069, -65.5692, 38.5499.



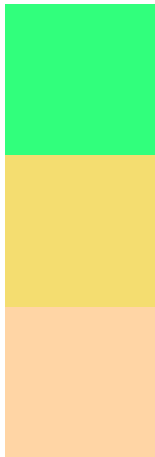
This preview shows how white text looks on a background with the HunterLab color 85.8069,

-65.5692, 38.5499.

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

85.8069, -65.5692, 38.5499

Protanopia

84.9211, -9.6953, 41.4557

Deuteranopia

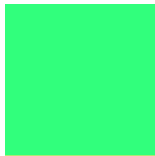
84.5962, 3.5109, 27.2405



Tritanopia

85.4612, -29.0874, -13.4840

Trichromacy



Original Color

85.8069, -65.5692, 38.5499



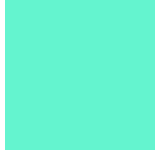
Protanomaly

82.7182, -37.8857, 38.4641



Deuteranomaly

82.0927, -30.4409, 29.2128



Tritanomaly

84.8031, -45.5429, 10.1862

Monochromacy



Original Color

85.8069, -65.5692, 38.5499



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

71.7193, -31.9199, 16.8925

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8069, -65.5692, 38.5499 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(49, 255, 124)` looks like.

```
.text, #text, p{  
    color:rgb(49, 255, 124)  
}
```

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(49, 255, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 255, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8069, -65.5692, 38.5499 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(49, 255, 124) }
```


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

```
.border{ border-color:rgb(49, 255, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 255, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 255, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 255, 124);  
box-shadow:4px 4px 4px 4px rgb(49, 255,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.8069, -65.5692, 38.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 255, 124) }
```

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

```
.background{ background-color: rgb(49, 255,  
124) }
```

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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