

Converting Colors

HunterLab(85.7369, -66.0618,
40.0359)

Have a look what the booklet for
HunterLab(85.7369, -66.0618,
40.0359) contains.

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Color

**HunterLab(85.7369,
-66.0618, 40.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF75
RGB	51, 255, 117
RGB Percent	20%, 100%, 46%
CMY	0.8000, 0.0000, 0.5412
CMYK	0.80, 0.00, 0.54, 0.00
HSL	139°, 100%, 60%
HSV	139°, 80%, 100%
XYZ	40.3361, 73.5082, 28.8922
YIQ	178.2720, -77.2860, -86.1660

Conversions

Conversions Part 2

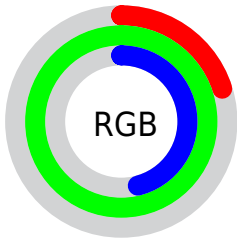
Format	Color
RYB	51, 205, 255
Decimal	3407733
CIELab	88.69, -75.51, 51.98
CIELCh	89, 91.667, 145.457
Yxy	73.5083, 0.2826, 0.5150
Android (android.graphics.Color)	4281597813 (0xFF33FF75)
YUV	178.2720, -30.2071, -111.6175
Hunter-Lab	85.7369, -66.0618, 40.0359

Details

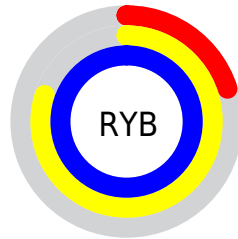
The HunterLab color **85.7369, -66.0618, 40.0359** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **52.2513, 84.8666, -20.9460**, and the grayscale version is **66.9825, -3.5740, 3.6393**.

A 20% lighter version of the original color is **89.0639, -50.5093, 28.0144**, and **63.4844, -52.3563, 33.6722** is the 20% darker color. If you saturate the color by 10%, you get **85.2341, -68.6117, 42.9763**, and if you desaturate by 10%, it is **86.4902, -62.4044, 36.6775**.

Distribution



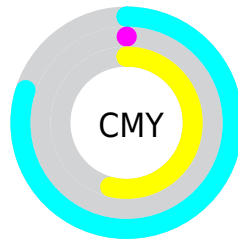
- Red (20%)
- Green (100%)
- Blue (46%)



- Red (20%)
- Yellow (80%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.7369, -66.0618, 40.0359 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 85.7369, -66.0618, 40.0359 by changing the saturation by 10% instead.


 85.7369, -66.0618,
40.0359


 85.7369, -66.0618,
40.0359


217.4338,
-102.4981, 67.4663


 73.7507, -61.3280,
36.5477


 111.4444,
-74.9699, 46.6500


 62.3818, -56.3586,
32.9097


 125.1163,
-79.2003, 49.8127

 51.6658, -51.1006,
29.0917


 139.3057,
-83.3090, 52.8972

 41.6452, -45.4825,
25.0584

 153.9943,
-87.3120, 55.9141

 32.3720, -39.4051,
20.7718

169.1657,
-91.2222, 58.8725

 23.9124, -32.7275,
16.7387

184.8049,

 16.3535, -27.2724,

-95.0507, 61.7799

11.4475

200.8985,
-98.8067, 64.6427

■ 9.8194, -17.1839,
6.8736

0.0000, NaN, NaN

■ 85.7369, -66.0618,
40.0359

■ 85.7369, -66.0618,
40.0359

■ 85.2341, -68.6117,
42.9763

■ 86.4902, -62.4044,
36.6775

■ 84.9335, -70.2374,
45.4630

■ 87.5190, -57.5709,
32.9408

■ 84.9334, -70.2375,
45.4632

■ 88.8403, -51.5421,
28.8710

■ 90.4643, -44.3419,
24.5203

■ 92.3950, -36.0289,
19.9452

■ 94.6318, -26.6874,
15.2029

■ 97.1696, -16.4191,
10.3485

■ 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.



85.7370, -39.4523, 51.2298



85.7369, -66.0618, 40.0359



85.7370, -76.2608, 11.0814

Triad

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



85.7370, -66.0613, 40.0352



85.7370, -11.4887, -129.1345



85.7370, 91.0393, 33.5769

Complementary

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



85.7369, -66.0618, 40.0359



52.2513, 84.8666, -20.9460

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.



85.7370, 102.8920, -2.2850



85.7369, -66.0618, 40.0359



85.7370, 36.9478, -111.7233

Square

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



85.7370, -66.0613, 40.0352



85.7370, -49.2770, -97.9018



85.7370, 81.3386, -58.2401



85.7370, 51.6981, 49.1224

Rectangle

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



85.7369, -66.0618, 40.0359



85.7370, -74.3831, -20.9865



85.7370, 81.3386, -58.2401



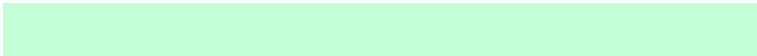
85.7370, 98.6820, 24.2366

Sweetspot

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



85.7370, -66.0613, 40.0352



93.7003, -30.5421, 17.1168



90.9714, -45.9971, 53.2094



42.9853, -15.6580, 8.6993

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.7370, -66.0613, 40.0352



85.0376, -69.6643, 44.5286



87.9005, -52.8429, 8.6832



45.0167, -7.3511, 4.6757



61.4143, -50.6489, 32.5738



19.2131, -15.4948, 9.4341

Inverse Universe

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



52.2513, 84.8666, -20.9460



49.6065, 90.1080, -16.8221



49.3347, 73.5937, 20.4874



42.6550, 2.8885, 0.1162



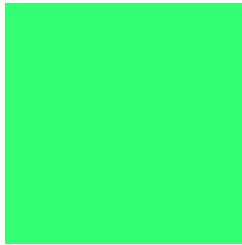
35.6423, 65.5132, -11.6556



11.2114, 20.7637, -4.8780

Previews

White Background



This preview shows how the HunterLab color 85.7369, -66.0618, 40.0359 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 85.7369, -66.0618, 40.0359 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 85.7369, -66.0618, 40.0359 Background



This preview shows how black text looks on a background with the HunterLab color 85.7369, -66.0618, 40.0359.



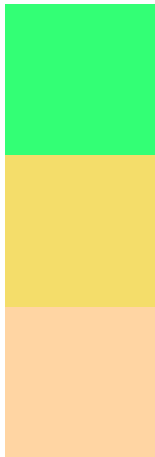
This preview shows how white text looks on a background with the HunterLab color 85.7369, -66.0618, 40.0359.

-66.0618, 40.0359.

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

85.7369, -66.0618, 40.0359

Protanopia

84.8449, -10.1172, 42.5753

Deuteranopia

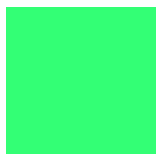
84.5534, 3.2808, 27.8616



Tritanopia

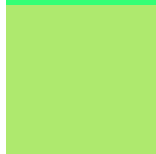
85.4612, -29.0874, -13.4840

Trichromacy



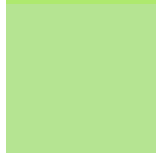
Original Color

85.7369, -66.0618, 40.0359



Protanomaly

82.7057, -38.0978, 39.7206



Deuteranomaly

82.0889, -30.6097, 30.4055



Tritanomaly

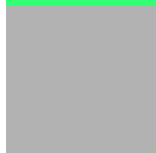
84.7796, -45.7507, 11.0475

Monochromacy



Original Color

85.7369, -66.0618, 40.0359



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

71.7276, -31.9830, 17.6397

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.7369, -66.0618, 40.0359 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(51, 255, 117)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 117)  
}
```

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(51, 255, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 85.7369, -66.0618, 40.0359 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(51, 255, 117) }
```


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

```
.border{ border-color:rgb(51, 255, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 255, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 255, 117); box-shadow:4px 4px 4px 4px rgb(51, 255, 117) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.7369, -66.0618, 40.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 117) }
```

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

```
.background{ background-color: rgb(51, 255,  
117) }
```

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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