

Converting Colors

HunterLab(85.4953, -66.7590,
37.3711)

Have a look what the booklet for
HunterLab(85.4953, -66.7590,
37.3711) contains.

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Color

**HunterLab(85.4973,
-66.7481, 37.3524)**

Conversions

Conversions Part 1

Format	Color
Hex	03FF80
RGB	3, 255, 128
RGB Percent	1%, 100%, 50%
CMY	0.9882, 0.0000, 0.4980
CMYK	0.99, 0.00, 0.50, 0.00
HSL	150°, 100%, 51%
HSV	150°, 99%, 100%
XYZ	39.6938, 73.0979, 32.4392
YIQ	165.1740, -109.4250, -92.9210

Conversions

Conversions Part 2

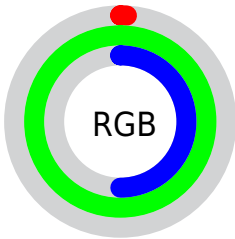
Format	Color
RYB	3, 171, 255
Decimal	262016
CIELab	88.49, -76.67, 46.58
CIELCh	88, 89.712, 148.718
Yxy	73.0981, 0.2733, 0.5033
Android (android.graphics.Color)	4278452096 (0xFF03FF80)
YUV	165.1740, -18.3268, -142.2266
Hunter-Lab	85.4973, -66.7481, 37.3524

Details

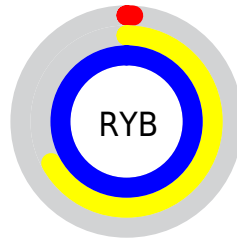
The HunterLab color **85.4973, -66.7481, 37.3524** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **47.8931, 85.0329, 4.8501**, and the grayscale version is **61.5191, -3.2825, 3.3425**.

A 20% lighter version of the original color is **88.6859, -51.5257, 23.7954**, and **63.5928, -51.6790, 32.0747** is the 20% darker color. If you saturate the color by 10%, you get **85.4628, -66.9396, 37.6824**, and if you desaturate by 10%, it is **85.8446, -64.8712, 34.3961**.

Distribution



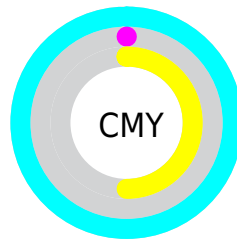
- Red (1%)
- Green (100%)
- Blue (50%)



- Red (1%)
- Yellow (67%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (99%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.4973, -66.7481, 37.3524 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 85.4973, -66.7481, 37.3524 by changing the saturation by 10% instead.


 85.4973, -66.7481,
37.3524

 85.4973, -66.7481,
37.3524


217.1070,
-103.6949, 62.4897

 73.5229, -61.9405,
34.1841


 111.1829,
-75.7900, 43.3754


 62.1664, -56.8917,
30.8845


 124.8446,
-80.0818, 46.2637


 51.4635, -51.5474,
27.4246


 139.0240,
-84.2488, 49.0860

 41.4569, -45.8347,
23.7690

 153.7030,
-88.3074, 51.8517

 32.1989, -39.6523,
19.8750

 168.8651,
-92.2709, 54.5689

 23.7559, -32.8571,
16.1851

184.4954,

 16.2158, -27.5586,

-96.1506, 57.2440

11.3510

200.5802,
-99.9559, 59.8827

■ 9.7032, -16.9806,
6.7922

0.0000, NaN, NaN

■ 85.4973, -66.7481,
37.3524

■ 85.4973, -66.7481,
37.3524

■ 85.4628, -66.9396,
37.6824

■ 85.8446, -64.8712,
34.3961

■ 86.3875, -62.1416,
31.2493

■ 87.1655, -58.4177,
27.9660

■ 88.2017, -53.6387,
24.5959

■ 89.5121, -47.7884,
21.1878

■ 91.1058, -40.8874,
17.7890

■ 92.9873, -32.9856,
14.4435

■ 95.1561, -24.1555,
11.1907

■ 97.6083, -14.4846,
8.0640

Harmonies

Analogous

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



85.4974, -42.3550, 49.9829



85.4973, -66.7481, 37.3524



85.4974, -75.1105, 6.4786

Triad

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



85.4974, -66.7475, 37.3517



85.4974, -6.4976, -125.6242



85.4974, 85.4994, 35.5486

Complementary

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



85.4973, -66.7481, 37.3524



47.8931, 85.0329, 4.8501

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.



85.4974, 100.4885, 2.7880



85.4973, -66.7481, 37.3524



85.4974, 41.1937, -103.8316

Square

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



85.4974, -66.7475, 37.3517



85.4974, -45.0790, -100.0524



85.4974, 82.8330, -50.1842



85.4974, 45.2557, 49.3858

Rectangle

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



85.4973, -66.7481, 37.3524



85.4974, -72.1457, -26.2588



85.4974, 82.8330, -50.1842



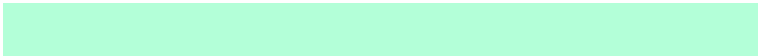
85.4974, 93.9852, 27.1104

Sweetspot

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



85.4974, -66.7475, 37.3517



92.7497, -33.9700, 14.8350



87.4815, -60.2892, 52.7915



42.5337, -17.2900, 7.5136

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.4974, -66.7475, 37.3517



85.4628, -66.9396, 37.6824



88.5957, -47.8992, -7.2135



45.0760, -7.0202, 3.8280



61.8017, -48.2366, 26.8823



19.3414, -14.6982, 7.5542

Inverse Universe

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



47.8931, 85.0329, 4.8501



47.7830, 85.1199, 5.3720



46.1966, 78.7832, 29.5795



42.5909, 2.5446, 1.0285



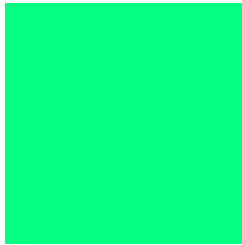
34.5839, 61.6886, 3.2578



10.8932, 19.6187, -0.4321

Previews

White Background



This preview shows how the HunterLab color 85.4973, -66.7481, 37.3524 looks on a white background.

Color Contrast Check

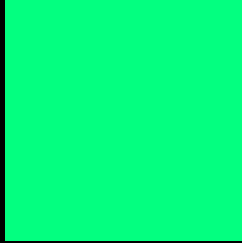
Large Text (above 18pt) WCAG AA × Fail

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 85.4973, -66.7481, 37.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

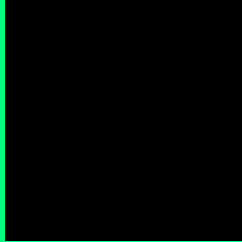
Any Text WCAG AA ✓ Pass

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 85.4973, -66.7481, 37.3524 Background



This preview shows how black text looks on a background with the HunterLab color 85.4973, -66.7481, 37.3524.



This preview shows how white text looks on a background with the HunterLab color 85.4973, -66.7481, 37.3524.

-66.7481, 37.3524.

Color Blindness Simulation

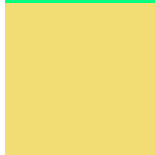
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.4973, -66.7481, 37.3524



Protanopia

84.4539, -9.6433, 40.2715



Deuteranopia

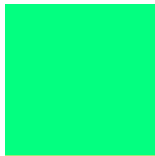
84.5747, 3.3954, 27.5522



Tritanopia

85.1939, -30.0957, -13.8723

Trichromacy



Original Color

85.4973, -66.7481, 37.3524



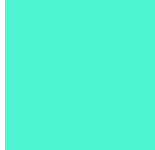
Protanomaly

81.6103, -42.1038, 36.6414



Deuteranomaly

80.9368, -34.8229, 27.8156



Tritanomaly

84.2420, -47.6578, 8.6205

Monochromacy



Original Color

85.4973, -66.7481, 37.3524



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

67.6161, -34.3648, 15.0152

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.4973, -66.7481, 37.3524 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(3, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(3, 255, 128)  
}
```

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(3, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 255, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 85.4973, -66.7481, 37.3524 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(3, 255, 128) }
```


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

```
.border{ border-color:rgb(3, 255, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(3, 255,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.4973, -66.7481, 37.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 255, 128) }
```

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

```
.background{ background-color: rgb(3, 255,  
128) }
```

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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