

Converting Colors

HunterLab(86.1186, -66.5557,
37.7855)

Have a look what the booklet for
HunterLab(86.1186, -66.5557,
37.7855) contains.

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Color

**HunterLab(85.6473,
-66.1180, 37.4806)**

Conversions

Conversions Part 1

Format	Color
Hex	1EFF80
RGB	30, 255, 128
RGB Percent	12%, 100%, 50%
CMY	0.8823, 0.0000, 0.4980
CMYK	0.88, 0.00, 0.50, 0.00
HSL	146°, 100%, 56%
HSV	146°, 88%, 100%
XYZ	40.1917, 73.3546, 32.4626
YIQ	173.2470, -93.3330, -87.1970

Conversions

Conversions Part 2

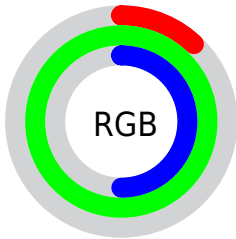
Format	Color
R_{YB}	30, 187, 255
Decimal	2031488
CIE _{Lab}	88.62, -75.64, 46.76
CIE _{LCh}	89, 88.928, 148.275
Yxy	73.3547, 0.2753, 0.5024
Android (android.graphics.Color)	4280221568 (0xFF1EFF80)
YUV	173.2470, -22.3068, -125.6276
Hunter-Lab	85.6473, -66.1180, 37.4806

Details

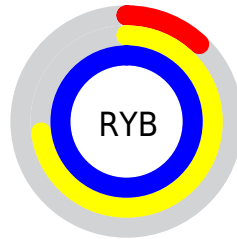
The HunterLab color **85.6473, -66.1180, 37.4806** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **49.6219, 85.0739, -6.0490**, and the grayscale version is **64.8650, -3.4610, 3.5242**.

A 20% lighter version of the original color is **88.9250, -50.5695, 24.0400**, and **63.5928, -51.6790, 32.0747** is the 20% darker color. If you saturate the color by 10%, you get **85.2966, -68.0064, 40.3837**, and if you desaturate by 10%, it is **86.2042, -63.3182, 34.3012**.

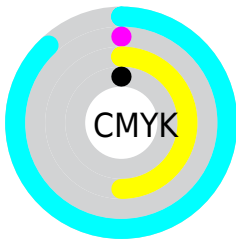
Distribution



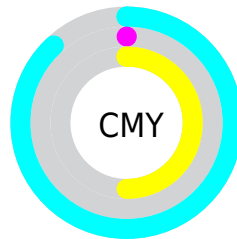
- Red (12%)
- Green (100%)
- Blue (50%)



- Red (12%)
- Yellow (73%)
- Blue (100%)



- Cyan (88%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (88%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.6473, -66.1180, 37.4806 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 85.6473, -66.1180, 37.4806 by changing the saturation by 10% instead.


 85.6473, -66.1180,
37.4806


 85.6473, -66.1180,
37.4806


217.3116,
-102.6179, 62.6874


 73.6655, -61.3745,
34.3031


 111.3466,
-75.0431, 43.5210


 62.3012, -56.3947,
30.9940


 125.0147,
-79.2812, 46.4175

 51.5901, -51.1251,
27.5243


 139.2004,
-83.3973, 49.2476

 41.5747, -45.4941,
23.8585

 153.8854,
-87.4071, 52.0210

 32.3073, -39.4020,
19.9543

169.0533,
-91.3239, 54.7456

 23.8538, -32.7074,
16.2499

184.6892,

 16.3020, -27.2979,

-95.1587, 57.4279

11.4114

200.7794,
-98.9207, 60.0735

■ 9.7759, -17.1078,
6.8431

0.0000, NaN, NaN

■ 85.6473, -66.1180,
37.4806

■ 85.6473, -66.1180,
37.4806

■ 85.2966, -68.0064,
40.3837

■ 86.2042, -63.3182,
34.3012

■ 85.2462, -68.2861,
40.8598

■ 87.0039, -59.4782,
30.8965

■ 88.0696, -54.5398,
27.3137

■ 89.4166, -48.4910,
23.6025

■ 91.0538, -41.3574,
19.8133

■ 92.9848, -33.1953,
15.9951

■ 95.2088, -24.0831,
12.1935

■ 97.7209, -14.1142,
8.4488

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.



85.6474, -41.6120, 49.9381



85.6473, -66.1180, 37.4806



85.6474, -74.6783, 7.0875

Triad

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



85.6474, -66.1174, 37.4798



85.6474, -7.1471, -123.9791



85.6474, 85.0468, 35.0580

Complementary

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



85.6473, -66.1180, 37.4806



49.6219, 85.0739, -6.0490

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.



85.6474, 99.4057, 2.1634



85.6473, -66.1180, 37.4806



85.6474, 40.0715, -103.1569

Square

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



85.6474, -66.1174, 37.4798



85.6474, -45.2545, -98.1453



85.6474, 81.4998, -50.4530



85.6474, 45.4812, 49.1291

Rectangle

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



85.6473, -66.1180, 37.4806



85.6474, -71.8742, -25.1509



85.6474, 81.4998, -50.4530



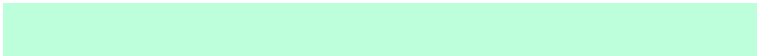
85.6474, 93.2983, 26.5458

Sweetspot

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



85.6474, -66.1174, 37.4798



93.4561, -31.2402, 15.1435



88.7877, -54.8630, 52.9296



42.9017, -15.8472, 7.6176

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.6474, -66.1174, 37.4798



85.2462, -68.2861, 40.8598



88.3671, -49.5551, -1.7283



45.0551, -7.1369, 4.1271



61.6441, -49.2161, 29.1936



19.2909, -15.0110, 8.2925

Inverse Universe

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



49.6219, 85.0739, -6.0490



48.2406, 86.7834, -1.1516



47.3058, 76.3667, 27.3742



42.6132, 2.6644, 0.7107



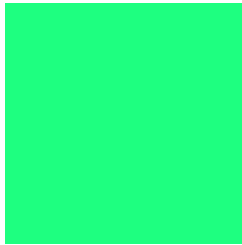
34.9148, 62.8906, -1.4531



10.9950, 19.9868, -1.8683

Previews

White Background



This preview shows how the HunterLab color 85.6473, -66.1180, 37.4806 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 85.6473, -66.1180, 37.4806 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 85.6473, -66.1180, 37.4806 Background



This preview shows how black text looks on a background with the HunterLab color 85.6473, -66.1180, 37.4806.



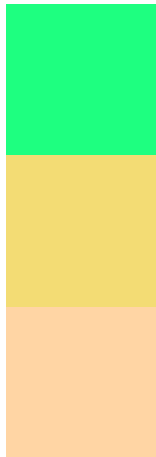
This preview shows how white text looks on a background with the HunterLab color 85.6473, -66.1180, 37.4806.

-66.1180, 37.4806.

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

85.6473, -66.1180, 37.4806

Protanopia

84.5589, -9.2720, 40.3571

Deuteranopia

84.5747, 3.3954, 27.5522



Tritanopia

85.3257, -29.5983, -13.6807

Trichromacy



Original Color

85.6473, -66.1180, 37.4806



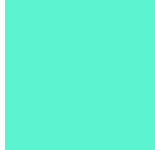
Protanomaly

82.3049, -39.3797, 37.2260



Deuteranomaly

81.6121, -32.2313, 28.4546



Tritanomaly

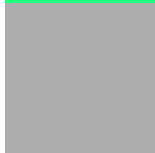
84.5748, -46.3325, 9.0158

Monochromacy



Original Color

85.6473, -66.1180, 37.4806



Achromatopsia

64.6440, -3.4492, 3.5122



Achromatomaly

70.1507, -32.8735, 15.6912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.6473, -66.1180, 37.4806 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(30, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(30, 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(30, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 255, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 85.6473, -66.1180, 37.4806 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(30, 255, 128) }
```


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

```
.border{ border-color:rgb(30, 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(30, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(30, 255,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.6473, -66.1180, 37.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 255, 128) }
```

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

```
.background{ background-color: rgb(30, 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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