

Converting Colors

HunterLab(85.7909, -66.7553,
47.2116)

Have a look what the booklet for
HunterLab(85.7909, -66.7553,
47.2116) contains.

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Color

**HunterLab(85.7859,
-66.7771, 47.2142)**

Conversions

Conversions Part 1

Format	Color
Hex	4DFF4A
RGB	77, 255, 74
RGB Percent	30%, 100%, 29%
CMY	0.6980, 0.0000, 0.7098
CMYK	0.70, 0.00, 0.71, 0.00
HSL	119°, 100%, 65%
HSV	119°, 71%, 100%
XYZ	40.0566, 73.5922, 18.5721
YIQ	181.1440, -47.9870, -94.0270

Conversions

Conversions Part 2

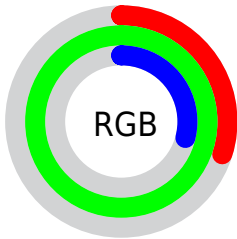
Format	Color
RYB	74, 255, 252
Decimal	5111626
CIELab	88.73, -76.55, 69.65
CIELCh	89, 103.492, 137.702
Yxy	73.5923, 0.3030, 0.5566
Android (android.graphics.Color)	4283301706 (0xFF4DFF4A)
YUV	181.1440, -52.8220, -91.3343
Hunter-Lab	85.7859, -66.7771, 47.2142

Details

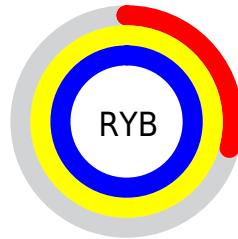
The HunterLab color **85.7859, -66.7771, 47.2142** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **57.2845, 88.7282, -61.0681**, and the grayscale version is **68.2653, -3.6425, 3.7090**.

A 20% lighter version of the original color is **89.1526, -51.6279, 39.5139**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **85.1267, -69.8857, 49.2452**, and if you desaturate by 10%, it is **86.7525, -62.2611, 44.2118**.

Distribution



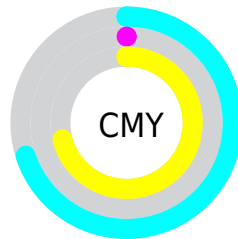
- Red (30%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (99%)



- Cyan (70%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.7859, -66.7771, 47.2142 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 85.7859, -66.7771, 47.2142 by changing the saturation by 10% instead.

85.7859, -66.7771,
47.2142

85.7859, -66.7771,
47.2142

217.5006,
-103.6494, 82.3493

73.7973, -61.9821,
42.6689

111.4978,
-75.7979, 55.8003

62.4259, -56.9474,
37.9253

125.1719,
-80.0804, 59.8837

51.7071, -51.6191,
32.9579

139.3633,
-84.2389, 63.8500

41.6837, -45.9251,
27.7490

154.0538,
-88.2895, 67.7131

32.4074, -39.7651,
22.6852

169.2271,
-92.2455, 71.4849

23.9444, -32.9972,
16.7610

184.8682,

16.3817, -27.5556,

-96.1181, 75.1759

11.4672

200.9635,
-99.9168, 78.7948

■ 9.8432, -17.2255,
6.8902

0.0000, NaN, NaN

■ 85.7859, -66.7771,
47.2142

■ 85.7859, -66.7771,
47.2142

■ 85.1267, -69.8857,
49.2452

■ 86.7525, -62.2611,
44.2118

■ 84.7424, -71.7057,
50.3952

■ 88.0482, -56.2919,
40.2029

■ 84.5856, -72.4495,
50.8529

■ 89.6864, -48.8818,
35.1919

■ 91.6727, -40.0935,
29.2190

■ 94.0065, -30.0274,
22.3517

■ 96.6819, -18.8097,
14.6760

■ 99.6887, -6.5803,
6.2878

■ 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.



85.7860, -32.9467, 54.8682



85.7859, -66.7771, 47.2142



85.7860, -82.1140, 22.5767

Triad

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



85.7860, -66.7767, 47.2134



85.7860, -24.8791, -150.1955



85.7860, 113.1234, 28.8709

Complementary

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



85.7859, -66.7771, 47.2142



57.2845, 88.7282, -61.0681

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.



85.7860, 116.7661, -18.1898



85.7859, -66.7771, 47.2142



85.7860, 28.0264, -144.5915

Square

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



85.7860, -66.7767, 47.2134



85.7860, -62.0896, -99.8407



85.7860, 82.7232, -87.3118



85.7860, 73.7137, 49.4629

Rectangle

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



85.7859, -66.7771, 47.2142



85.7860, -82.9501, -9.0975



85.7860, 82.7232, -87.3118



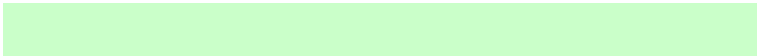
85.7860, 118.8601, 16.4761

Sweetspot

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



85.7860, -66.7767, 47.2134



94.0009, -30.0512, 22.3679



95.5850, -22.9546, 54.4779



43.1751, -15.2445, 11.2647

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.7860, -66.7767, 47.2134



84.9413, -70.7634, 49.8069



86.9290, -59.5983, 29.3705



44.9249, -7.8965, 6.2377



61.1483, -52.3489, 36.7628



19.0931, -16.2807, 11.4801

Inverse Universe

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



57.2845, 88.7282, -61.0681



54.0451, 99.2444, -68.7494



53.8217, 74.0002, -6.0916



42.7600, 3.4881, -1.6685



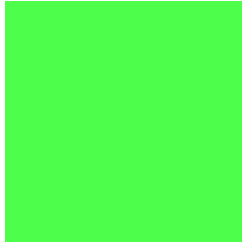
38.0460, 75.0706, -52.2796



11.8916, 23.4535, -16.2603

Previews

White Background



This preview shows how the HunterLab color 85.7859, -66.7771, 47.2142 looks on a white background.

Color Contrast Check

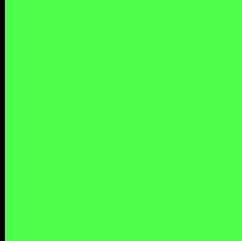
Large Text (above 18pt) WCAG AA × Fail

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 85.7859, -66.7771, 47.2142 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 85.7859, -66.7771, 47.2142 Background



This preview shows how black text looks on a background with the HunterLab color 85.7859, -66.7771, 47.2142.



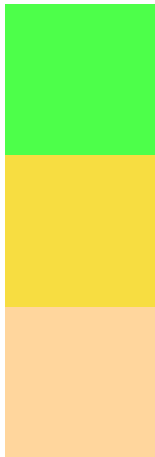
This preview shows how white text looks on a background with the HunterLab color 85.7859, -66.7771, 47.2142.

-66.7771, 47.2142.

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

85.7859, -66.7771, 47.2142

Protanopia

84.7754, -11.1409, 48.5456

Deuteranopia

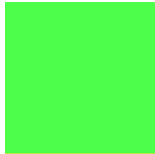
84.7275, 2.0910, 29.9237



Tritanopia

85.4045, -27.5537, -13.5357

Trichromacy



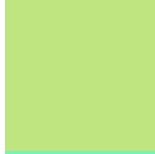
Original Color

85.7859, -66.7771, 47.2142



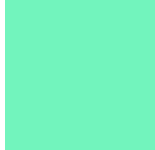
Protanomaly

83.0719, -37.5309, 46.6283



Deuteranomaly

82.7756, -30.3826, 36.0922



Tritanomaly

84.8251, -46.4355, 17.8047

Monochromacy



Original Color

85.7859, -66.7771, 47.2142



Achromatopsia

67.9762, -3.6270, 3.6933



Achromatomaly

72.7354, -32.1512, 23.3958

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.7859, -66.7771, 47.2142 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(77, 255, 74)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 74)  
}
```

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(77, 255, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 85.7859, -66.7771, 47.2142 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(77, 255, 74) }
```


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

```
.border{ border-color:rgb(77, 255, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 255, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 74);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.7859, -66.7771, 47.2142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 255, 74) }
```

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

```
.background{ background-color: rgb(77, 255,  
74) }
```

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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