

Converting Colors

HunterLab(85.2406, -69.3775,
49.1318)

Have a look what the booklet for
HunterLab(85.2406, -69.3775,
49.1318) contains.

HunterLab(85.2400, -69.3801, 49.1314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(85.2400,
-69.3801, 49.1314)**

Conversions

Conversions Part 1

Format	Color
Hex	3AFF33
RGB	58, 255, 51
RGB Percent	23%, 100%, 20%
CMY	0.7725, 0.0000, 0.8000
CMYK	0.77, 0.00, 0.80, 0.00
HSL	118°, 100%, 60%
HSV	118°, 80%, 100%
XYZ	38.1025, 72.6586, 15.1483
YIQ	172.8410, -51.9280, -105.2080

Conversions

Conversions Part 2

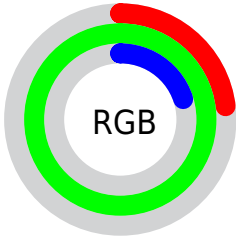
Format	Color
R_{YB}	51, 255, 248
Decimal	3866419
CIE _{Lab}	88.28, -80.83, 76.17
CIE _{LCh}	88, 111.061, 136.701
Yxy	72.6587, 0.3026, 0.5771
Android (android.graphics.Color)	4282056499 (0xFF3AFF33)
YUV	172.8410, -60.0676, -100.7156
Hunter-Lab	85.2400, -69.3801, 49.1314

Details

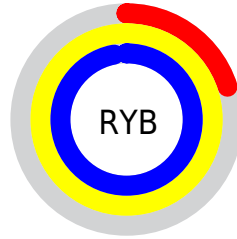
The HunterLab color **85.2400, -69.3801, 49.1314** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **54.3568, 95.1715, -68.0333**, and the grayscale version is **64.8354, -3.4595, 3.5226**.

A 20% lighter version of the original color is **88.3478, -55.3779, 42.7864**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **84.8068, -71.4184, 50.3439**, and if you desaturate by 10%, it is **85.9482, -66.0553, 47.0234**.

Distribution



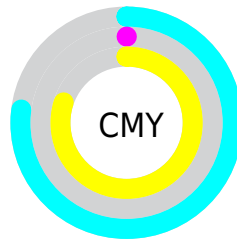
- Red (23%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (97%)



- Cyan (77%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)





- Cyan (77%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.2400, -69.3801, 49.1314 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 85.2400, -69.3801, 49.1314 by changing the saturation by 10% instead.


 85.2400, -69.3801,
49.1314


 85.2400, -69.3801,
49.1314


216.7558,
-108.1141, 87.1914


 73.2782, -64.3182,
44.1936


 110.9020,
-78.8870, 58.4595


 61.9350, -58.9967,
39.0458


 124.5526,
-83.3930, 62.8920

 51.2462, -53.3581,
33.6695


 138.7213,
-87.7642, 67.1934

 41.2548, -47.3251,
28.1666

 153.3900,
-92.0180, 71.3787

 32.0132, -40.7914,
22.4092

 168.5422,
-96.1687, 75.4607

 23.5881, -33.6094,
16.5117

184.1627,

 16.0680, -28.1191,

-100.2285, 79.4506

11.2476

200.2381,
-104.2074, 83.3580

■ 9.5788, -16.7629,
6.7052

0.0000, NaN, NaN

■ 85.2400, -69.3801,
49.1314

■ 85.2400, -69.3801,
49.1314

■ 84.8068, -71.4184,
50.3439

■ 85.9482, -66.0553,
47.0234

■ 84.6029, -72.3754,
50.8647

■ 86.9603, -61.3451,
43.9383

■ 84.6028, -72.3756,
50.8648

■ 88.2957, -55.2141,
39.8409

■ 89.9659, -47.6831,
34.7379

■ 91.9752, -38.8183,
28.6704

■ 94.3224, -28.7202,
21.7052

■ 97.0011, -17.5126,
13.9269

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.



85.2400, -33.2229, 55.9205



85.2400, -69.3801, 49.1314



85.2400, -85.7991, 24.9209

Triad

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



85.2400, -69.3797, 49.1306



85.2400, -27.8354, -166.2027



85.2400, 124.3336, 29.0504

Complementary

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



85.2400, -69.3801, 49.1314



54.3568, 95.1715, -68.0333

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.



85.2400, 126.8607, -22.3067



85.2400, -69.3801, 49.1314



85.2400, 28.4921, -162.2089

Square

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



85.2400, -69.3797, 49.1306



85.2400, -66.3136, -107.9348



85.2400, 88.3312, -99.0985



85.2400, 82.1210, 50.4900

Rectangle

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



85.2400, -69.3801, 49.1314



85.2400, -87.0269, -8.1379



85.2400, 88.3312, -99.0985



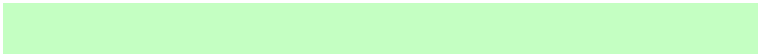
85.2400, 130.1700, 15.7021

Sweetspot

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



85.2400, -69.3797, 49.1306



93.3424, -32.9038, 24.5965



93.1038, -20.2338, 55.0207



42.8019, -16.8729, 12.5170

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.2400, -69.3797, 49.1306



84.6621, -72.0957, 50.7011



86.1402, -63.5700, 34.1330



44.9420, -7.8350, 6.2573



61.1662, -52.2723, 36.7752



19.1122, -16.1991, 11.4932

Inverse Universe

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



54.3568, 95.1715, -68.0333



52.1008, 101.9892, -73.7727



51.2642, 81.0899, -7.1779



42.7396, 3.4201, -1.6956



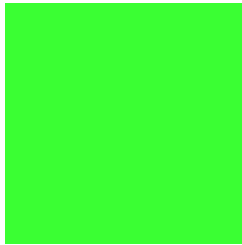
37.4822, 74.2541, -53.8003



11.7365, 23.2288, -16.6768

Previews

White Background



This preview shows how the HunterLab color 85.2400, -69.3801, 49.1314 looks on a white background.

Color Contrast Check

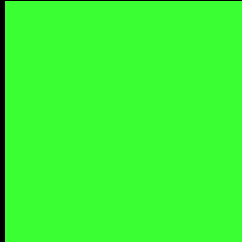
Large Text (above 18pt) WCAG AA × Fail

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 85.2400, -69.3801, 49.1314 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 85.2400, -69.3801, 49.1314 Background



This preview shows how black text looks on a background with the HunterLab color 85.2400, -69.3801, 49.1314.



This preview shows how white text looks on a background with the HunterLab color 85.2400, -69.3801, 49.1314.

-69.3801, 49.1314.

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

85.2400, -69.3801, 49.1314

Protanopia

84.3373, -11.3533, 50.2295

Deuteranopia

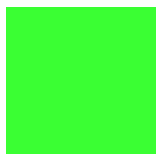
83.9934, 2.3862, 31.4303



Tritanopia

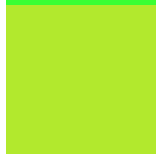
84.9402, -29.2989, -14.2113

Trichromacy



Original Color

85.2400, -69.3801, 49.1314



Protanomaly

82.4210, -40.3420, 48.2953



Deuteranomaly

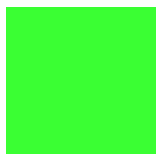
81.7123, -33.0966, 38.2202



Tritanomaly

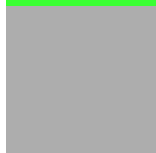
84.1453, -49.5499, 20.1795

Monochromacy



Original Color

85.2400, -69.3801, 49.1314



Achromatopsia

64.6440, -3.4492, 3.5122



Achromatomaly

70.0872, -34.3325, 25.0170

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.2400, -69.3801, 49.1314 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(58, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(58, 255, 51)  
}
```

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(58, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 255, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 85.2400, -69.3801, 49.1314 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(58, 255, 51) }
```


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

```
.border{ border-color:rgb(58, 255, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(58, 255,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.2400, -69.3801, 49.1314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 255, 51) }
```

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

```
.background{ background-color: rgb(58, 255,  
51) }
```

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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