

Converting Colors

HunterLab(85.3635, -68.8571,
49.2198)

Have a look what the booklet for
HunterLab(85.3635, -68.8571,
49.2198) contains.

HunterLab(85.3714, -68.8234, 49.2255)	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(85.3714,
-68.8234, 49.2255)**

Conversions

Conversions Part 1

Format	Color
Hex	41FF33
RGB	65, 255, 51
RGB Percent	25%, 100%, 20%
CMY	0.7451, 0.0000, 0.8000
CMYK	0.75, 0.00, 0.80, 0.00
HSL	116°, 100%, 60%
HSV	116°, 80%, 100%
XYZ	38.5374, 72.8828, 15.1685
YIQ	174.9340, -47.7560, -103.7240

Conversions

Conversions Part 2

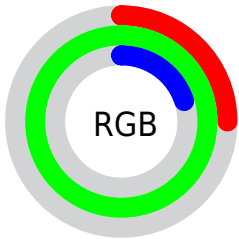
Format	Color
RYB	51, 255, 241
Decimal	4325171
CIELab	88.39, -79.89, 76.30
CIElCh	88, 110.477, 136.316
Yxy	72.8829, 0.3044, 0.5757
Android (android.graphics.Color)	4282515251 (0xFF41FF33)
YUV	174.9340, -61.0995, -96.4121
Hunter-Lab	85.3714, -68.8234, 49.2255

Details

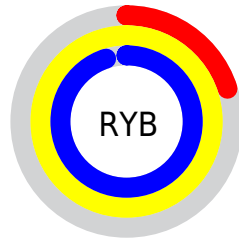
The HunterLab color **85.3714, -68.8234, 49.2255** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **53.1892, 93.2178, -71.0523**, and the grayscale version is **65.7077, -3.5060, 3.5700**.

A 20% lighter version of the original color is **88.5424, -54.5901, 42.9436**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **84.8934, -71.0490, 50.4045**, and if you desaturate by 10%, it is **86.1165, -65.3506, 47.1488**.

Distribution



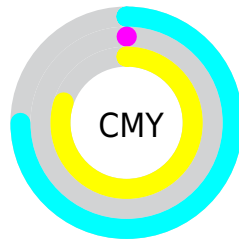
- Red (25%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (95%)



- Cyan (75%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.3714, -68.8234, 49.2255 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 85.3714, -68.8234, 49.2255 by changing the saturation by 10% instead.

85.3714, -68.8234,
49.2255

85.3714, -68.8234,
49.2255

216.9352,
-107.1478, 87.3357

73.4031, -63.8204,
44.2817

111.0455,
-78.2233, 58.5654

62.0531, -58.5622,
39.1281

124.7017,
-82.6801, 63.0038

51.3572, -52.9921,
33.7461

138.8759,
-87.0044, 67.3109

41.3580, -47.0340,
28.2360

153.5499,
-91.2135, 71.5018

32.1080, -40.5829,
22.4756

168.7071,
-95.3214, 75.5893

23.6738, -33.4922,
16.5716


184.3326,

16.1434, -28.2510,


-99.3400, 79.5845


11.3004


200.4128,
-103.2793, 83.4972


 9.6423, -16.8740,
6.7496


0.0000, NaN, NaN


 85.3714, -68.8234,
49.2255


 85.3714, -68.8234,
49.2255


 84.8934, -71.0490,
50.4045


 86.1165, -65.3506,
47.1488

 84.6427, -72.2051,
50.8922

 87.1535, -60.5484,
44.0904

 84.6426, -72.2054,
50.8923

 88.4992, -54.3912,
40.0120

 90.1633, -46.9033,
34.9168

■ 92.1493, -38.1493,
28.8411

■ 94.4556, -28.2240,
21.8467

■ 97.0760, -17.2428,
14.0131

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.



85.3715, -32.5121, 55.9363



85.3714, -68.8234, 49.2255



85.3715, -85.4555, 25.3376

Triad

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



85.3715, -68.8231, 49.2248



85.3715, -28.3601, -164.4580



85.3715, 123.8506, 28.5247

Complementary

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



85.3714, -68.8234, 49.2255



53.1892, 93.2178, -71.0523

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.



85.3715, 125.7920, -23.0158



85.3714, -68.8234, 49.2255



85.3715, 27.5273, -161.3966

Square

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



85.3715, -68.8231, 49.2248



85.3715, -66.4559, -106.1425



85.3715, 87.1005, -99.3634



85.3715, 82.3272, 50.2814

Rectangle

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



85.3714, -68.8234, 49.2255



85.3715, -86.8258, -7.2892



85.3715, 87.1005, -99.3634



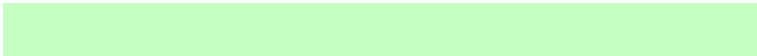
85.3715, 129.4599, 15.0753

Sweetspot

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



85.3715, -68.8231, 49.2248



93.4941, -32.3313, 24.7525



90.9113, -16.9162, 53.6797



42.8786, -16.5802, 12.5937

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.3715, -68.8231, 49.2248



84.7203, -71.8470, 50.7414



86.0243, -64.2849, 35.8272



44.9751, -7.7158, 6.2955



61.2023, -52.1179, 36.8001



19.1491, -16.0417, 11.5187

Inverse Universe

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



53.1892, 93.2178, -71.0523



50.6508, 99.8716, -77.7851



51.5081, 82.0264, -10.6029



42.7004, 3.2887, -1.7479



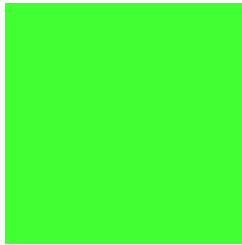
36.4052, 72.7075, -56.8043



11.4399, 22.8020, -17.4975

Previews

White Background



This preview shows how the HunterLab color 85.3714, -68.8234, 49.2255 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 85.3714, -68.8234, 49.2255 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 85.3714, -68.8234, 49.2255 Background



This preview shows how black text looks on a background with the HunterLab color 85.3714, -68.8234, 49.2255.



This preview shows how white text looks on a background with the HunterLab color 85.3714,

-68.8234, 49.2255.

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

85.3714, -68.8234, 49.2255

Protanopia

84.3373, -11.3533, 50.2295

Deuteranopia

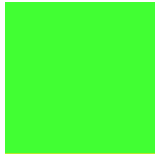
84.3107, 1.9713, 31.3970



Tritanopia

85.0750, -28.7911, -14.0147

Trichromacy



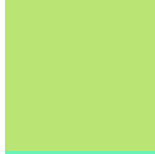
Original Color

85.3714, -68.8234, 49.2255



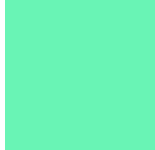
Protanomaly

82.6384, -39.4923, 48.4488



Deuteranomaly

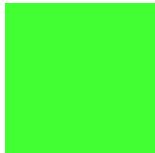
81.9535, -32.1464, 38.2023



Tritanomaly

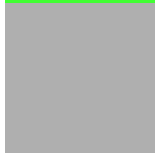
84.2857, -48.9867, 20.3272

Monochromacy



Original Color

85.3714, -68.8234, 49.2255



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

70.6741, -33.7308, 25.2413

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.3714, -68.8234, 49.2255 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(65, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(65, 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(65, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 255, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 85.3714, -68.8234, 49.2255 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(65, 255, 51) }
```


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

```
.border{ border-color:rgb(65, 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(65, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(65, 255,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.3714, -68.8234, 49.2255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 255, 51) }
```

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

```
.background{ background-color: rgb(65, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor