

Converting Colors

HunterLab(85.0527, -70.4562,
51.1753)

Have a look what the booklet for
HunterLab(85.0527, -70.4562,
51.1753) contains.

HunterLab(85.0484, -70.4745, 51.1726)	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(85.0484,
-70.4745, 51.1726)**

Conversions

Conversions Part 1

Format	Color
Hex	37FF00
RGB	55, 255, 0
RGB Percent	22%, 100%, 0%
CMY	0.7843, 0.0000, 0.9998
CMYK	0.78, 0.00, 1.00, 0.00
HSL	107°, 100%, 50%
HSV	107°, 100%, 100%
XYZ	37.3356, 72.3323, 11.9938
YIQ	166.1300, -37.3450, -121.7050

Conversions

Conversions Part 2

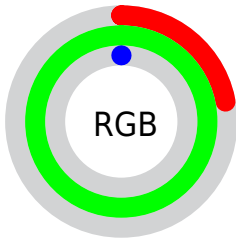
Format	Color
RYB	0, 255, 200
Decimal	3669760
CIELab	88.13, -82.65, 83.66
CIELCh	88, 117.595, 134.652
Yxy	72.3323, 0.3069, 0.5945
Android (android.graphics.Color)	4281859840 (0xFF37FF00)
YUV	166.1300, -81.9021, -97.4610
Hunter-Lab	85.0484, -70.4745, 51.1726

Details

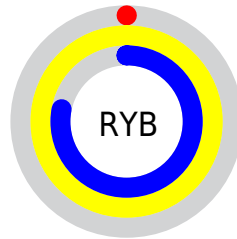
The HunterLab color **85.0484, -70.4745, 51.1726** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **44.1656, 91.9767, -98.1812**, and the grayscale version is **62.1448, -3.3159, 3.3764**.

A 20% lighter version of the original color is **88.0494, -57.0914, 46.4381**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **85.0478, -70.4768, 51.1723**, and if you desaturate by 10%, it is **85.4918, -68.5091, 50.8210**.

Distribution



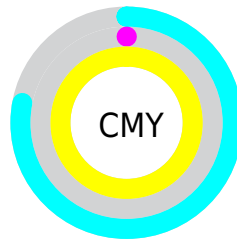
- Red (22%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (78%)



- Cyan (78%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (78%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.0484, -70.4745, 51.1726 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 85.0484, -70.4745, 51.1726 by changing the saturation by 10% instead.

85.0484, -70.4745,
51.1726

85.0484, -70.4745,
51.1726

216.4942,
-110.0009, 92.5697

73.0960, -65.2992,
45.7994

110.6928,
-80.1882, 61.3357

61.7627, -59.8559,
40.2106

124.3351,
-84.7894, 66.1648

51.0845, -54.0856,
34.3996

138.4959,
-89.2511, 70.8488

41.1043, -47.9090,
28.7730

153.1569,
-93.5913, 75.4029

31.8750, -41.2176,
22.3125

168.3016,
-97.8250, 79.8409

23.4633, -33.8618,
16.4243

183.9150,

15.9582, -27.9269,

-101.9644, 84.1746

11.1708

199.9834,
-106.0201, 88.4145

■ 9.4864, -16.6013,
6.6405

0.0000, NaN, NaN

■ 85.0484, -70.4745,
51.1726

■ 85.0484, -70.4745,
51.1726

■ 85.0478, -70.4768,
51.1723

■ 85.4918, -68.5091,
50.8210

■ 86.1352, -65.6085,
49.7683

■ 87.0028, -61.6640,
47.8041

■ 88.1091, -56.6355,
44.8348

■ 89.4632, -50.5201,
40.8126

■ 91.0701, -43.3449,
35.7260

■ 92.9308, -35.1617,
29.5933

■ 95.0435, -26.0402,
22.4563

■ 97.4036, -16.0626,
14.3741

Harmonies

Analogous

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



85.0484, -31.3711, 56.8356



85.0484, -70.4745, 51.1726



85.0484, -88.6066, 28.5211

Triad

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



85.0484, -70.4742, 51.1718



85.0484, -32.5280, -178.9652



85.0484, 135.3484, 27.6476

Complementary

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



85.0484, -70.4745, 51.1726



44.1656, 91.9767, -98.1812

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.



85.0484, 134.7883, -29.1638



85.0484, -70.4745, 51.1726



85.0484, 26.0885, -179.8698

Square

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



85.0484, -70.4742, 51.1718



85.0484, -71.1211, -111.4550



85.0484, 90.7431, -113.4397



85.0484, 92.1123, 50.9046

Rectangle

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



85.0484, -70.4745, 51.1726



85.0484, -90.6339, -4.5935



85.0484, 90.7431, -113.4397



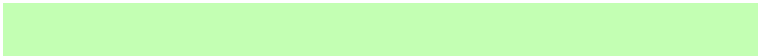
85.0484, 140.5882, 12.9227

Sweetspot

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



85.0484, -70.4742, 51.1718



92.9275, -35.1759, 29.6042



79.0298, 1.3693, 48.7209



42.6154, -17.9249, 14.9502

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.0484, -70.4742, 51.1718



85.0478, -70.4768, 51.1723



84.8480, -70.7723, 46.7263



45.1185, -7.2009, 6.4606



61.5198, -50.7644, 37.0195



19.3131, -15.3459, 11.6320

Inverse Universe

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



44.1656, 91.9767, -98.1812



44.1631, 91.9787, -98.1897



49.6688, 91.9179, -21.1079



42.5338, 2.7298, -1.9706



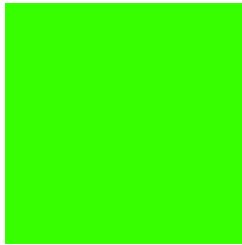
32.0296, 66.6298, -70.6055



10.2257, 21.1038, -21.2377

Previews

White Background



This preview shows how the HunterLab color 85.0484, -70.4745, 51.1726 looks on a white background.

Color Contrast Check

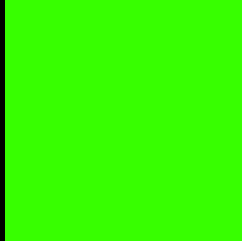
Large Text (above 18pt) WCAG AA × Fail

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 85.0484, -70.4745, 51.1726 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 85.0484, -70.4745, 51.1726 Background



This preview shows how black text looks on a background with the HunterLab color 85.0484, -70.4745, 51.1726.



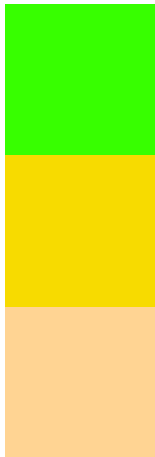
This preview shows how white text looks on a background with the HunterLab color 85.0484, -70.4745, 51.1726.

-70.4745, 51.1726.

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

85.0484, -70.4745, 51.1726

Protanopia

83.9269, -11.4143, 51.5155

Deuteranopia

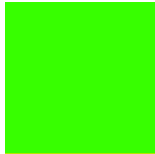
83.9366, 2.0795, 32.2594



Tritanopia

84.5115, -29.1636, -14.8082

Trichromacy



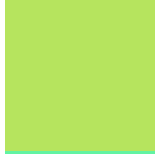
Original Color

85.0484, -70.4745, 51.1726



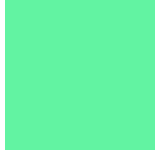
Protanomaly

81.8904, -40.8862, 49.7447



Deuteranomaly

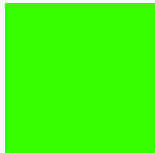
81.3880, -34.8412, 41.8265



Tritanomaly

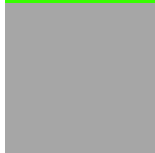
83.2505, -52.1846, 26.0407

Monochromacy



Original Color

85.0484, -70.4745, 51.1726



Achromatopsia

61.7516, -3.2949, 3.3551



Achromatomaly

67.7233, -35.7544, 29.1671

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.0484, -70.4745, 51.1726 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(55, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(55, 255, 0)  
}
```

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(55, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 255, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 85.0484, -70.4745, 51.1726 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(55, 255, 0) }
```


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

```
.border{ border-color:rgb(55, 255, 0) }
```

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

Here you see how a box with a 4 pixel rgb(55, 255, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(55, 255, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 85.0484, -70.4745, 51.1726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 255, 0) }
```

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

```
.background{ background-color: rgb(55, 255,  
0) }
```

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