

Converting Colors

HunterLab(84.9563, -70.5297,
48.4992)

Have a look what the booklet for
HunterLab(84.9563, -70.5297,
48.4992) contains.

HunterLab(84.9592, -70.5181, 48.5059)	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(84.9592,
-70.5181, 48.5059)**

Conversions

Conversions Part 1

Format	Color
Hex	24FF38
RGB	36, 255, 56
RGB Percent	14%, 100%, 22%
CMY	0.8588, 0.0000, 0.7804
CMYK	0.86, 0.00, 0.78, 0.00
HSL	125°, 100%, 57%
HSV	125°, 86%, 100%
XYZ	37.2014, 72.1807, 15.7130
YIQ	166.8330, -66.6450, -108.3170

Conversions

Conversions Part 2

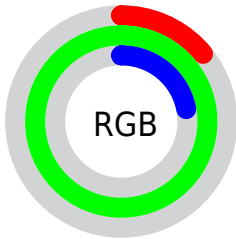
Format	Color
R_{YB}	36, 237, 255
Decimal	2424632
CIE Lab	88.06, -82.77, 74.50
CIE LCh	88, 111.360, 138.011
Yxy	72.1807, 0.2974, 0.5770
Android (android.graphics.Color)	4280614712 (0xFF24FF38)
YUV	166.8330, -54.6407, -114.7405
Hunter-Lab	84.9592, -70.5181, 48.5059

Details

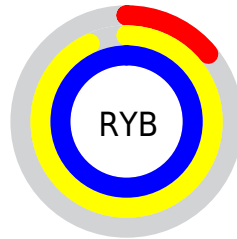
The HunterLab color **84.9592, -70.5181, 48.5059** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **53.4037, 96.6134, -52.6553**, and the grayscale version is **62.3330, -3.3259, 3.3867**.

A 20% lighter version of the original color is **87.9297, -56.9973, 41.8360**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.6739, -71.9429, 49.9169**, and if you desaturate by 10%, it is **85.4957, -67.9141, 46.3395**.

Distribution



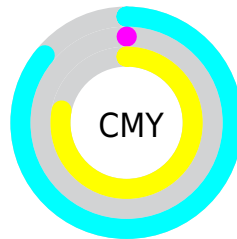
- Red (14%)
- Green (100%)
- Blue (22%)



- Red (14%)
- Yellow (93%)
- Blue (100%)



- Cyan (86%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)





- Cyan (86%)
- Magenta (0%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.9592, -70.5181, 48.5059 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 84.9592, -70.5181, 48.5059 by changing the saturation by 10% instead.


 84.9592, -70.5181,
48.5059


 84.9592, -70.5181,
48.5059


216.3724,
-110.1061, 85.8507


 73.0112, -65.3333,
43.6612


 110.5954,
-80.2484, 57.6556

 61.6825, -59.8798,
38.6083


 124.2339,
-84.8571, 62.0034

 51.0093, -54.0981,
33.3267


 138.3910,
-89.3259, 66.2230

 41.0344, -47.9088,
27.8800

 153.0484,
-93.6728, 70.3292

 31.8107, -41.2029,
22.2675

 168.1896,
-97.9128, 74.3348

 23.4052, -33.8304,
16.3837

183.7996,

 15.9072, -27.8376,

-102.0582, 78.2507

11.1350

199.8648,
-106.1197, 82.0866

■ 9.4435, -16.5262,
6.6105

0.0000, NaN, NaN

■ 84.9592, -70.5181,
48.5059

■ 84.9592, -70.5181,
48.5059

■ 84.6739, -71.9429,
49.9169


■ 85.4957, -67.9141,
46.3395


■ 84.6068, -72.2842,
50.2898


■ 86.3207, -63.9908,
43.3734


■ 87.4596, -58.6788,
39.5935

■ 88.9289, -51.9694,
35.0168

 90.7374, -43.9048,
29.6861

 92.8873, -34.5678,
23.6645

 95.3752, -24.0704,
17.0285

 98.1930, -12.5425,
9.8619

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.



84.9592, -35.2512, 55.6996



84.9592, -70.5181, 48.5059



84.9592, -86.1182, 23.2222

Triad

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



84.9592, -70.5177, 48.5051



84.9592, -25.7096, -168.2167



84.9592, 123.5713, 30.5307

Complementary

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



84.9592, -70.5181, 48.5059



53.4037, 96.6134, -52.6553

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.



84.9592, 128.0561, -19.4441



84.9592, -70.5181, 48.5059



84.9592, 31.2726, -161.1190

Square

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



84.9592, -70.5177, 48.5051



84.9592, -65.0936, -111.6965



84.9592, 90.8956, -96.0005



84.9592, 79.8785, 50.9001

Rectangle

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



84.9592, -70.5181, 48.5059



84.9592, -86.8572, -10.8755



84.9592, 90.8956, -96.0005



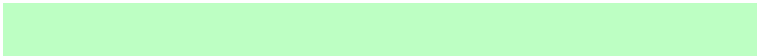
84.9592, 130.0601, 17.6621

Sweetspot

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



84.9592, -70.5177, 48.5051



92.8599, -34.6852, 23.7394



94.6620, -31.9275, 56.7259



42.5995, -17.6047, 11.9808

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.9592, -70.5177, 48.5051



84.6068, -72.2842, 50.2898



86.3519, -61.8864, 28.0921



44.9390, -7.7860, 5.7896



61.1659, -52.2048, 36.2432



19.1087, -16.1472, 10.9731

Inverse Universe

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



53.4037, 96.6134, -52.6553



52.0282, 100.2652, -52.9328



49.0517, 80.5283, 7.2619



42.7435, 3.3620, -1.1401



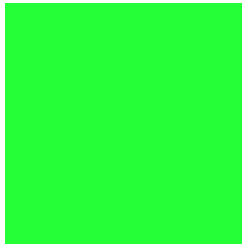
37.6246, 72.5323, -38.4699



11.7744, 22.7520, -12.4536

Previews

White Background



This preview shows how the HunterLab color 84.9592, -70.5181, 48.5059 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 84.9592, -70.5181, 48.5059 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 84.9592, -70.5181, 48.5059 Background



This preview shows how black text looks on a background with the HunterLab color 84.9592, -70.5181, 48.5059.



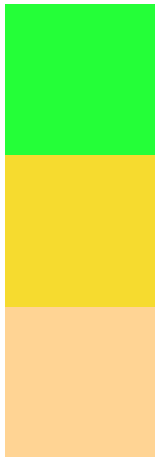
This preview shows how white text looks on a background with the HunterLab color 84.9592, -70.5181, 48.5059.

-70.5181, 48.5059.

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

84.9592, -70.5181, 48.5059

Protanopia

83.9411, -11.1191, 49.6299

Deuteranopia

83.9554, 2.1809, 31.9853



Tritanopia

84.6819, -30.2741, -14.5889

Trichromacy



Original Color

84.9592, -70.5181, 48.5059



Protanomaly

81.5411, -41.9777, 47.3162



Deuteranomaly

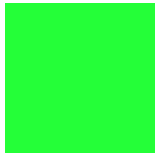
81.1410, -35.2651, 37.5295



Tritanomaly

83.8118, -50.7930, 19.0630

Monochromacy



Original Color

84.9592, -70.5181, 48.5059



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

68.0449, -35.4962, 23.8123

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.9592, -70.5181, 48.5059 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(36, 255, 56)` looks like.

```
.text, #text, p{  
    color:rgb(36, 255, 56)  
}
```

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(36, 255, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 255, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 84.9592, -70.5181, 48.5059 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(36, 255, 56) }
```


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

```
.border{ border-color:rgb(36, 255, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 255, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 255, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 255, 56);  
box-shadow:4px 4px 4px 4px rgb(36, 255,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.9592, -70.5181, 48.5059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 255, 56) }
```

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

```
.background{ background-color: rgb(36, 255,  
56) }
```

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