

Converting Colors

HunterLab(83.8064, -64.7430,
44.9632)

Have a look what the booklet for
HunterLab(83.8064, -64.7430,
44.9632) contains.

HunterLab(83.9411, -64.8730, 45.0900)	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(83.9411,
-64.8730, 45.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	4BFA51
RGB	75, 250, 81
RGB Percent	29%, 98%, 32%
CMY	0.7059, 0.0196, 0.6823
CMYK	0.70, 0.00, 0.68, 0.02
HSL	122°, 95%, 64%
HSV	122°, 70%, 98%
XYZ	38.5724, 70.4611, 19.3519
YIQ	178.4090, -50.0510, -89.6590

Conversions

Conversions Part 2

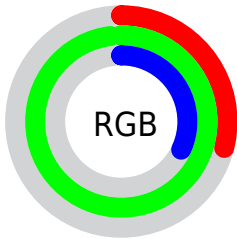
Format	Color
RYB	75, 244, 250
Decimal	4979281
CIELab	87.22, -74.74, 65.52
CIELCh	87, 99.396, 138.761
Yxy	70.4640, 0.3004, 0.5488
Android (android.graphics.Color)	4283169361 (0xFF4BFA51)
YUV	178.4090, -48.0226, -90.6897
Hunter-Lab	83.9411, -64.8730, 45.0900

Details

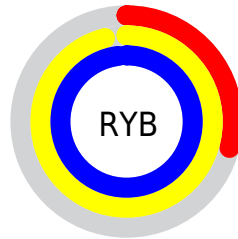
The HunterLab color **83.9411, -64.8730, 45.0900** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **56.4701, 85.3705, -53.5709**, and the grayscale version is **67.1045, -3.5805, 3.6459**.

A 20% lighter version of the original color is **89.0763, -51.7761, 38.2291**, and **61.4140, -52.5606, 36.7011** is the 20% darker color. If you saturate the color by 10%, you get **83.2743, -68.0543, 47.3786**, and if you desaturate by 10%, it is **84.9154, -60.3140, 41.9093**.

Distribution



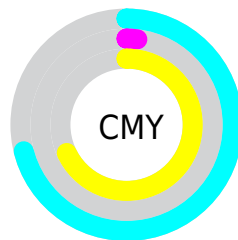
- Red (29%)
- Green (98%)
- Blue (32%)



- Red (29%)
- Yellow (96%)
- Blue (98%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)
- Black (2%)



- Cyan (71%)
- Magenta (2%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.9411, -64.8730, 45.0900 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 83.9411, -64.8730, 45.0900 by changing the saturation by 10% instead.

83.9411, -64.8730,
45.0900

83.9411, -64.8730,
45.0900

214.9832,
-101.1306, 78.5402

72.0451, -60.1549,
40.7646

109.4853,
-73.7481, 53.2589

60.7695, -55.1961,
36.2448

123.0797,
-77.9591, 57.1432

50.1525, -49.9432,
31.5035

137.1944,
-82.0477, 60.9169

40.2379, -44.3223,
26.5174

151.8109,
-86.0298, 64.5936

31.0795, -38.2299,
21.7556

166.9125,
-89.9190, 68.1851

22.7457, -31.5183,
15.9220

182.4840,

15.3282, -26.8243,

-93.7261, 71.7012

10.7297

198.5118,
-97.4607, 75.1505

■ 8.9428, -15.6499,
6.2600

0.0000, NaN, NaN

■ 83.9411, -64.8730,
45.0900

■ 83.9411, -64.8730,
45.0900

■ 83.2743, -68.0543,
47.3786

■ 84.9154, -60.3140,
41.9093


■ 82.8788, -69.9614,
48.8300


■ 86.2130, -54.3347,
37.8200


■ 82.6999, -70.8340,
49.5426


■ 87.8479, -46.9548,
32.8426

■ 89.8252, -38.2403,
27.0261

 92.1438, -28.2932,
20.4413

 94.7974, -17.2395,
13.1730

 97.7758, -5.2172,
5.3125

 98.4144, -2.6805,
3.5989

Harmonies

Analogous

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



83.9428, -33.0286, 53.0911



83.9411, -64.8730, 45.0900



83.9428, -79.0849, 20.4086

Triad

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



83.9428, -64.8742, 45.0904



83.9428, -22.2874, -142.1740



83.9428, 106.3556, 28.8400

Complementary

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



83.9411, -64.8730, 45.0900



56.4701, 85.3705, -53.5709

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.



83.9428, 111.1426, -15.1225



83.9411, -64.8730, 45.0900



83.9428, 28.4729, -134.8781

Square

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



83.9428, -64.8742, 45.0904



83.9428, -58.5906, -96.3932



83.9428, 80.0209, -80.0215



83.9428, 68.1544, 48.1850

Rectangle

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



83.9411, -64.8730, 45.0900



83.9428, -79.5209, -10.4704



83.9428, 80.0209, -80.0215



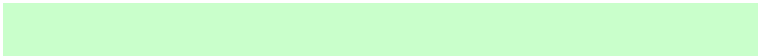
83.9428, 112.2091, 17.2559

Sweetspot

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



83.9428, -64.8742, 45.0904



93.9816, -30.0305, 21.6280



93.8859, -25.8431, 53.1958



43.1654, -15.2344, 10.8921

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.9428, -64.8742, 45.0904



84.9717, -70.5481, 49.1617



85.2699, -56.7213, 25.6769



43.9532, -7.7103, 5.9210



60.2332, -51.5659, 36.0297



18.3398, -15.6368, 10.8322

Inverse Universe

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



56.4701, 85.3705, -53.5709



54.3946, 98.1441, -61.2544



52.7069, 70.3213, -2.0073



41.8494, 3.3932, -1.4144



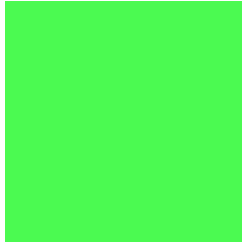
37.6394, 73.4562, -45.4263



11.4685, 22.4025, -14.0025

Previews

White Background



This preview shows how the HunterLab color 83.9411, -64.8730, 45.0900 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 83.9411, -64.8730, 45.0900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

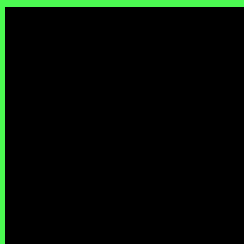
Any Text WCAG AA ✓ Pass

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 83.9411, -64.8730, 45.0900 Background



This preview shows how black text looks on a background with the HunterLab color 83.9411, -64.8730, 45.0900.



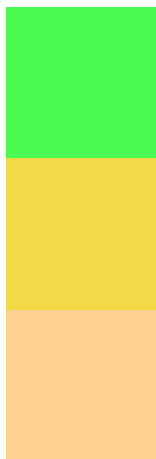
This preview shows how white text looks on a background with the HunterLab color 83.9411, -64.8730, 45.0900.

-64.8730, 45.0900.

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

83.9411, -64.8730, 45.0900

Protanopia

83.0487, -10.7853, 46.6084

Deuteranopia

82.9542, 3.1380, 32.8801



Tritanopia

83.7547, -28.6696, -14.6768

Trichromacy



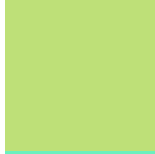
Original Color

83.9411, -64.8730, 45.0900



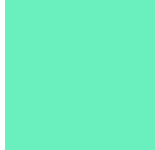
Protanomaly

81.4680, -36.6422, 44.7142



Deuteranomaly

81.0028, -28.7506, 36.4040



Tritanomaly

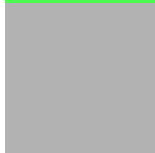
83.1276, -45.8425, 15.6747

Monochromacy



Original Color

83.9411, -64.8730, 45.0900



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

71.2963, -30.7938, 21.7829

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.9411, -64.8730, 45.0900 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(75, 250, 81)` looks like.

```
.text, #text, p{  
    color:rgb(75, 250, 81)  
}
```

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(75, 250, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 250, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 83.9411, -64.8730, 45.0900 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(75, 250, 81) }
```


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

```
.border{ border-color:rgb(75, 250, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 250, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 250, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 250, 81);  
box-shadow:4px 4px 4px 4px rgb(75, 250,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.9411, -64.8730, 45.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 250, 81) }
```

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

```
.background{ background-color: rgb(75, 250,  
81) }
```

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