

Converting Colors

HunterLab(85.2881, -45.7510,
51.7532)

Have a look what the booklet for
HunterLab(85.2881, -45.7510,
51.7532) contains.

HunterLab(85.2163, -45.5863, 51.7118)	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(85.2163,
-45.5863, 51.7118)**

Conversions

Conversions Part 1

Format	Color
Hex	AFF200
RGB	175, 242, 0
RGB Percent	69%, 95%, 0%
CMY	0.3137, 0.0510, 0.9999
CMYK	0.28, 0.00, 1.00, 0.05
HSL	77°, 100%, 47%
HSV	77°, 100%, 95%
XYZ	49.4313, 72.6182, 11.4114
YIQ	194.3790, 37.7500, -89.4660

Conversions

Conversions Part 2

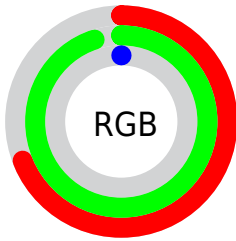
Format	Color
RYB	0, 242, 67
Decimal	11530752
CIELab	88.27, -47.33, 85.47
CIELCh	88, 97.701, 118.976
Yxy	72.6214, 0.3704, 0.5441
Android (android.graphics.Color)	4289720832 (0xFFAFF200)
YUV	194.3790, -95.8288, -16.9954
Hunter-Lab	85.2163, -45.5863, 51.7118

Details

The HunterLab color **85.2163, -45.5863, 51.7118** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle saturated chartreuse. A complement of this color would be **27.5803, 70.4693, -162.3669**, and the grayscale version is **73.9949, -3.9482, 4.0203**.

A 20% lighter version of the original color is **94.8354, -30.6136, 51.7134**, and **61.9215, -37.9699, 37.4910** is the 20% darker color. If you saturate the color by 10%, you get **85.2175, -45.5914, 51.7124**, and if you desaturate by 10%, it is **85.7223, -43.5209, 51.4531**.

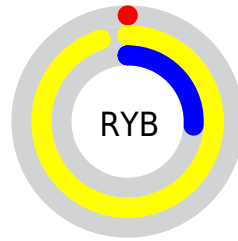
Distribution



Red (69%)

Green (95%)

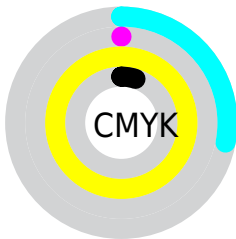
Blue (0%)



Red (0%)

Yellow (95%)

Blue (26%)

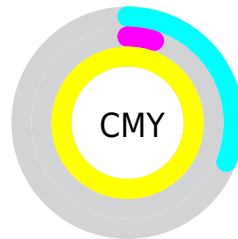


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (31%)


Magenta (5%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.2163, -45.5863, 51.7118 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 85.2163, -45.5863, 51.7118 by changing the saturation by 10% instead.


 85.2163, -45.5863,
51.7118


 85.2163, -45.5863,
51.7118


216.7260,
-70.4680, 93.8978


 73.2574, -42.4828,
46.2399


 110.8781,
-51.5128, 62.0703


 61.9153, -39.2529,
40.5512


 124.5278,
-54.3625, 66.9925


 51.2278, -35.8682,
34.6437


 138.6956,
-57.1527, 71.7666

 41.2376, -32.2860,
28.8663

 153.3635,
-59.8919, 76.4082

 31.9974, -28.4446,
22.3982

 168.5147,
-62.5876, 80.9307

 23.5739, -24.2497,
16.5017

 184.1345,

 16.0555, -19.5735,

-65.2455, 85.3463

11.2389

200.2091,
-67.8709, 89.6656

■ 9.5683, -16.7444,
6.6978

0.0000, NaN, NaN

■ 85.2163, -45.5863,
51.7118

■ 85.2163, -45.5863,
51.7118

■ 85.2175, -45.5914,
51.7124

■ 85.7223, -43.5209,
51.4531

■ 86.2943, -41.1058,
50.5006

■ 86.9481, -38.2678,
48.6516

■ 87.6909, -34.9724,
45.8027

■ 88.5282, -31.1985,
41.8812

■ 89.4639, -26.9349,
36.8383

■ 90.5009, -22.1786,
30.6447

■ 91.6410, -16.9333,
23.2878

■ 92.8853, -11.2085,
14.7696

Harmonies

Analogous

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



85.2182, -2.8599, 54.4153



85.2163, -45.5863, 51.7118



85.2182, -71.2361, 39.1279

Triad

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



85.2182, -45.5884, 51.7122



85.2182, -47.9073, -113.5828



85.2182, 111.7002, 3.0200

Complementary

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



85.2163, -45.5863, 51.7118



27.5803, 70.4693, -162.3669

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.



85.2182, 92.2388, -55.7487



85.2163, -45.5863, 51.7118



85.2182, -6.2302, -142.6023

Square

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



85.2182, -45.5884, 51.7122



85.2182, -72.3465, -51.2584



85.2182, 46.1063, -117.0496



85.2182, 94.6180, 37.6550

Rectangle

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



85.2163, -45.5863, 51.7118



85.2182, -78.7588, 20.0697



85.2182, 46.1063, -117.0496



85.2182, 109.1523, -14.3574

Sweetspot

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



85.2182, -45.5884, 51.7122



96.0290, -23.5887, 32.5915



47.5486, 61.2654, 30.3705



44.2062, -11.9290, 16.4311

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.2182, -45.5884, 51.7122



90.4201, -48.4356, 54.8685



80.2263, -66.0544, 48.2779



42.6922, -5.0071, 6.5682



62.5155, -33.1883, 37.9407



18.1675, -9.0357, 11.0365

Inverse Universe

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



27.5803, 70.4693, -162.3669



29.2320, 74.7589, -172.5677



40.9808, 85.8196, -94.7871



39.2945, 0.7737, -2.5129



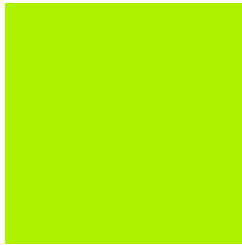
20.3560, 51.7783, -117.9922



6.2659, 15.3028, -31.3947

Previews

White Background



This preview shows how the HunterLab color 85.2163, -45.5863, 51.7118 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 85.2163, -45.5863, 51.7118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

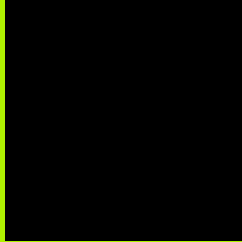
Any Text WCAG AA ✓ Pass

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 85.2163, -45.5863, 51.7118 Background



This preview shows how black text looks on a background with the HunterLab color 85.2163, -45.5863, 51.7118.



This preview shows how white text looks on a background with the HunterLab color 85.2163,

-45.5863, 51.7118.

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

85.2163, -45.5863, 51.7118

Protanopia

84.7659, -11.6248, 52.0289

Deuteranopia

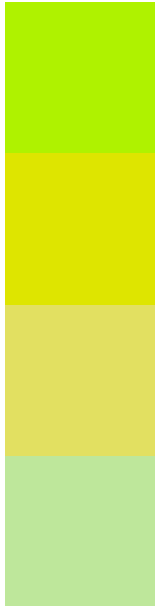
84.6481, 1.6622, 31.0801



Tritanopia

85.0454, -9.4817, -6.8761

Trichromacy



Original Color

85.2163, -45.5863, 51.7118

Protanomaly

84.5980, -25.3649, 51.6848

Deuteranomaly

83.8708, -18.7001, 43.3587

Tritanomaly

83.9438, -28.4013, 29.3257

Monochromacy



Original Color

85.2163, -45.5863, 51.7118

Achromatopsia

73.4493, -3.9191, 3.9906

Achromatomaly

76.5398, -23.4886, 32.2365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.2163, -45.5863, 51.7118 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(175, 242, 0)` looks like.

```
.text, #text, p{  
    color:rgb(175, 242, 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(175, 242, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 242, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 85.2163, -45.5863, 51.7118 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(175, 242, 0) }
```


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

```
.border{ border-color:rgb(175, 242, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 242, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 242, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 242, 0);  
box-shadow:4px 4px 4px 4px rgb(175, 242,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.2163, -45.5863, 51.7118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 242, 0) }
```

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

```
.background{ background-color: rgb(175,  
242, 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](#).

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