

Converting Colors

HunterLab(85.3861, -68.2401,
45.1955)

Have a look what the booklet for
HunterLab(85.3861, -68.2401,
45.1955) contains.

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Color

**HunterLab(85.3885,
-68.2253, 45.1607)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF57
RGB	51, 255, 87
RGB Percent	20%, 100%, 34%
CMY	0.8000, 0.0000, 0.6588
CMYK	0.80, 0.00, 0.66, 0.00
HSL	131°, 100%, 60%
HSV	131°, 80%, 100%
XYZ	38.8456, 72.9120, 21.0429
YIQ	174.8520, -67.6560, -95.4960

Conversions

Conversions Part 2

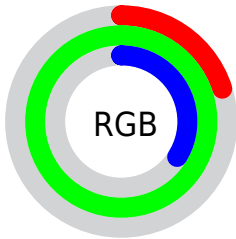
Format	Color
RYB	51, 224, 255
Decimal	3407703
CIELab	88.41, -78.97, 64.38
CIELCh	88, 101.884, 140.813
Yxy	72.9121, 0.2925, 0.5490
Android (android.graphics.Color)	4281597783 (0xFF33FF57)
YUV	174.8520, -43.3110, -108.6182
Hunter-Lab	85.3885, -68.2253, 45.1607

Details

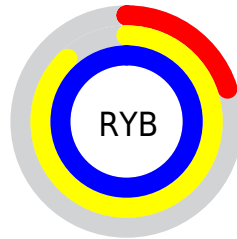
The HunterLab color **85.3885, -68.2253, 45.1607** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **53.6117, 90.0000, -39.5027**, and the grayscale version is **65.6080, -3.5007, 3.5646**.

A 20% lighter version of the original color is **88.5487, -53.6972, 36.2232**, and **63.2380, -53.8996, 37.3117** is the 20% darker color. If you saturate the color by 10%, you get **84.9273, -70.5265, 47.4982**, and if you desaturate by 10%, it is **86.1162, -64.7086, 42.1628**.

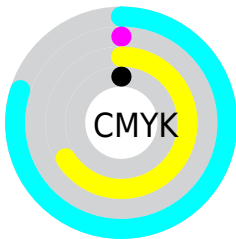
Distribution



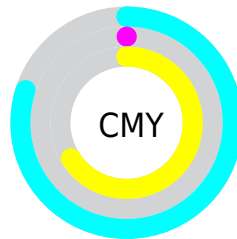
- Red (20%)
- Green (100%)
- Blue (34%)



- Red (20%)
- Yellow (88%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.3885, -68.2253, 45.1607 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 85.3885, -68.2253, 45.1607 by changing the saturation by 10% instead.


 85.3885, -68.2253,
45.1607


 85.3885, -68.2253,
45.1607


216.9585,
-106.1555, 78.0036

 73.4194, -63.2780,
40.9239


 111.0641,
-77.5228, 53.1657


 62.0685, -58.0796,
36.4998


 124.7211,
-81.9324, 56.9760

 51.3716, -52.5738,
31.8596


 138.8960,
-86.2118, 60.6799

 41.3714, -46.6855,
26.9774

 153.5707,
-90.3778, 64.2907

 32.1204, -40.3106,
22.2467

168.7286,
-94.4444, 67.8195

 23.6849, -33.3035,
16.5794

184.3547,

 16.1532, -28.1695,

-98.4232, 71.2759

11.3073

200.4356,
-102.3241, 74.6683

■ 9.6505, -16.8884,
6.7554

0.0000, NaN, NaN

■ 85.3885, -68.2253,
45.1607

■ 85.3885, -68.2253,
45.1607

■ 84.9273, -70.5265,
47.4982

■ 86.1162, -64.7086,
42.1628

■ 84.6815, -71.8154,
49.1844

■ 87.1378, -59.8948,
38.5128

■ 84.6815, -71.8155,
49.1845

■ 88.4719, -53.7593,
34.2369

■ 90.1293, -46.3272,
29.3800

■ 92.1143, -37.6639,
24.0012

■ 94.4256, -27.8653,
18.1687

■ 97.0574, -17.0470,
11.9551

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.



85.3886, -36.7851, 54.0144



85.3885, -68.2253, 45.1607



85.3886, -81.6014, 18.2818

Triad

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



85.3886, -68.2249, 45.1599



85.3886, -19.7088, -148.9920



85.3886, 108.2490, 31.6657

Complementary

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



85.3885, -68.2253, 45.1607



53.6117, 90.0000, -39.5027

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.



85.3886, 115.8965, -11.6867



85.3885, -68.2253, 45.1607



85.3886, 33.2886, -137.2946

Square

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



85.3886, -68.2249, 45.1599



85.3886, -58.2617, -104.3803



85.3886, 85.8688, -78.1644



85.3886, 66.9271, 50.0235

Rectangle

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



85.3885, -68.2253, 45.1607



85.3886, -81.3086, -14.8425



85.3886, 85.8688, -78.1644



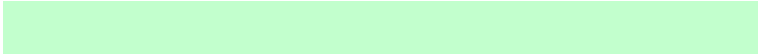
85.3886, 115.1712, 20.4092

Sweetspot

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



85.3886, -68.2249, 45.1599



93.4620, -31.9148, 20.5521



93.3441, -36.8043, 54.8844



42.8629, -16.3672, 10.4648

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.3886, -68.2249, 45.1599



84.7624, -71.3858, 48.5902



87.0699, -57.8740, 20.6248



44.9672, -7.6279, 5.3848



61.2248, -51.8351, 35.3715



19.1400, -15.9510, 10.5102

Inverse Universe

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



53.6117, 90.0000, -39.5027



51.2099, 95.8493, -38.7255



49.9598, 76.0429, 11.4035



42.7108, 3.1869, -0.6757



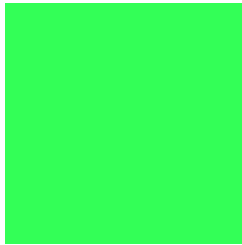
36.8241, 69.7190, -27.8063



11.5502, 21.9658, -9.4792

Previews

White Background



This preview shows how the HunterLab color 85.3885, -68.2253, 45.1607 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 85.3885, -68.2253, 45.1607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

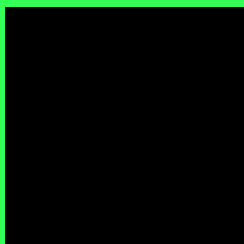
Any Text WCAG AA ✓ Pass

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 85.3885, -68.2253, 45.1607 Background



This preview shows how black text looks on a background with the HunterLab color 85.3885, -68.2253, 45.1607.



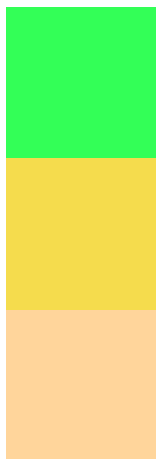
This preview shows how white text looks on a background with the HunterLab color 85.3885, -68.2253, 45.1607.

-68.2253, 45.1607.

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

85.3885, -68.2253, 45.1607

Protanopia

84.3414, -10.9015, 46.8442

Deuteranopia

84.3890, 2.3943, 30.2548



Tritanopia

84.9402, -29.2989, -14.2113

Trichromacy



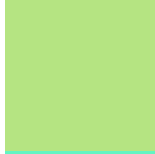
Original Color

85.3885, -68.2253, 45.1607



Protanomaly

82.3836, -39.9974, 44.4617



Deuteranomaly

81.8060, -32.2528, 34.5375



Tritanomaly

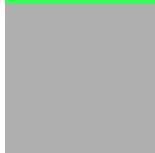
84.3760, -47.9630, 15.2880

Monochromacy



Original Color

85.3885, -68.2253, 45.1607



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

70.6504, -33.2978, 21.1434

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.3885, -68.2253, 45.1607 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(51, 255, 87)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 87)  
}
```

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(51, 255, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 85.3885, -68.2253, 45.1607 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(51, 255, 87) }
```


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

```
.border{ border-color:rgb(51, 255, 87) }
```

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

Here you see how a box with a 4 pixel rgb(51, 255, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 87);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.3885, -68.2253, 45.1607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 87) }
```

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

```
.background{ background-color: rgb(51, 255,  
87) }
```

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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