

Converting Colors

HunterLab(85.5901, -67.2747,
44.6172)

Have a look what the booklet for
HunterLab(85.5901, -67.2747,
44.6172) contains.

| | |
|--|----|
| HunterLab(85.5882, -67.2841, 44.5470) | 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(85.5882,
-67.2841, 44.5470)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3CFF5C |
| RGB | 60, 255, 92 |
| RGB Percent | 24%, 100%, 36% |
| CMY | 0.7647, 0.0000, 0.6392 |
| CMYK | 0.76, 0.00, 0.64, 0.00 |
| HSL | 130°, 100%, 62% |
| HSV | 130°, 76%, 100% |
| XYZ | 39.5553, 73.2534, 22.1798 |
| YIQ | 178.1130, -63.8970, -92.0330 |

Conversions

Conversions Part 2

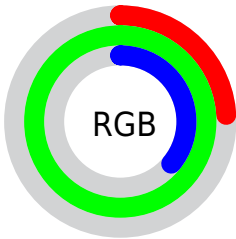
| Format | Color |
|-------------------------------------|---|
| RYB | 60, 228, 255 |
| Decimal | 3997532 |
| CIELab | 88.57, -77.42, 62.61 |
| CIELCh | 89, 99.572, 141.039 |
| Yxy | 73.2535, 0.2930, 0.5427 |
| Android (android.graphics.Color) | 4282187612 (0xFF3CFF5C) |
| YUV | 178.1130, -42.4537, -103.5851 |
| Hunter-Lab | 85.5882, -67.2841, 44.5470 |

Details

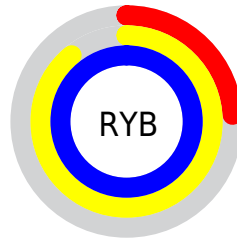
The HunterLab color **85.5882, -67.2841, 44.5470** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **54.6072, 88.0616, -40.6058**, and the grayscale version is **66.9616, -3.5729, 3.6382**.

A 20% lighter version of the original color is **88.8214, -52.4254, 35.1116**, and **63.2704, -53.6962, 36.8321** is the 20% darker color. If you saturate the color by 10%, you get **85.0410, -69.9757, 47.0569**, and if you desaturate by 10%, it is **86.4143, -63.3310, 41.3554**.

Distribution



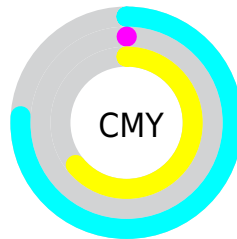
- Red (24%)
- Green (100%)
- Blue (36%)



- Red (24%)
- Yellow (89%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (76%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.5882, -67.2841, 44.5470 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 85.5882, -67.2841, 44.5470 by changing the saturation by 10% instead.

85.5882, -67.2841,
44.5470

85.5882, -67.2841,
44.5470

217.2310,
-104.5429, 76.6021

73.6093, -62.4331,
40.4188

111.2821,
-76.4063, 52.3497

62.2481, -57.3381,
36.1082

124.9476,
-80.7353, 56.0657

51.5402, -51.9443,
31.5858

139.1309,
-84.9379, 59.6794

41.5283, -46.1783,
26.8234

153.8135,
-89.0307, 63.2036

32.2646, -39.9383,
22.0858

168.9791,
-93.0271, 66.6494

23.8152, -33.0809,
16.6707

184.6128,

16.2680, -27.7693,

-96.9384, 70.0259

11.3876

200.7009,
-100.7743, 73.3412

■ 9.7472, -17.0576,
6.8231

0.0000, NaN, NaN

■ 85.5882, -67.2841,
44.5470

■ 85.5882, -67.2841,
44.5470

■ 85.0410, -69.9757,
47.0569

■ 86.4143, -63.3310,
41.3554


■ 84.7367, -71.5378,
48.8996


■ 87.5435, -58.0553,
37.4946


■ 84.6676, -71.9021,
49.3889

■ 88.9916, -51.4501,
32.9952

■ 90.7670, -43.5559,
27.9069

 92.8721, -34.4507,
22.2925

 95.3038, -24.2393,
16.2233

 98.0549, -13.0434,
9.7739

 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.



85.5883, -36.4526, 53.6266



85.5882, -67.2841, 44.5470



85.5883, -80.3975, 17.7269

Triad

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



85.5883, -67.2837, 44.5462



85.5883, -19.0516, -144.0750



85.5883, 105.0420, 31.4386

Complementary

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



85.5882, -67.2841, 44.5470



54.6072, 88.0616, -40.6058

Split Complementary

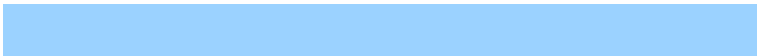
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.5883, 112.7430, -10.8627



85.5882, -67.2841, 44.5470



85.5883, 32.7900, -132.3965

Square

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



85.5883, -67.2837, 44.5462



85.5883, -57.0673, -101.4709



85.5883, 83.8493, -75.2095



85.5883, 64.7361, 49.6493

Rectangle

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



85.5882, -67.2841, 44.5470



85.5883, -80.0264, -14.7891



85.5883, 83.8493, -75.2095



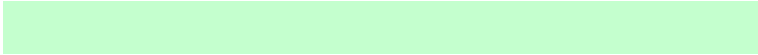
85.5883, 111.8447, 20.3994

Sweetspot

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



85.5883, -67.2837, 44.5462



93.6791, -31.0269, 20.2343



93.7948, -34.9945, 54.4808



42.9519, -16.0023, 10.3522

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.5883, -67.2837, 44.5462



84.8456, -70.9674, 48.1569



87.2112, -57.3092, 20.8689



44.9631, -7.6510, 5.4439



61.2142, -51.9022, 35.5295



19.1353, -15.9806, 10.5801

Inverse Universe

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



54.6072, 88.0616, -40.6058



51.7283, 95.6638, -41.2999



51.0461, 74.2122, 8.9325



42.7155, 3.2123, -0.7429



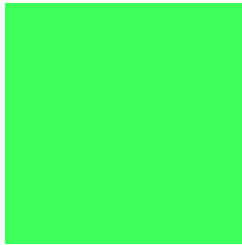
36.9351, 70.1109, -29.2985



11.5815, 22.0760, -9.8978

Previews

White Background



This preview shows how the HunterLab color 85.5882, -67.2841, 44.5470 looks on a white background.

Color Contrast Check

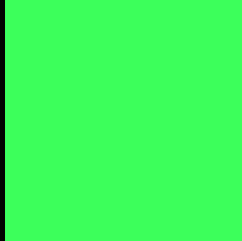
Large Text (above 18pt) WCAG AA × Fail

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 85.5882, -67.2841, 44.5470 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 85.5882, -67.2841, 44.5470 Background



This preview shows how black text looks on a background with the HunterLab color 85.5882, -67.2841, 44.5470.



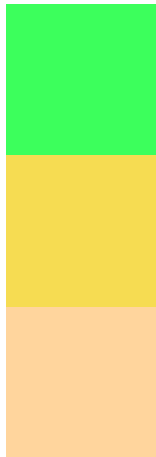
This preview shows how white text looks on a background with the HunterLab color 85.5882, -67.2841, 44.5470.

-67.2841, 44.5470.

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

85.5882, -67.2841, 44.5470

Protanopia

84.4917, -10.2810, 46.2818

Deuteranopia

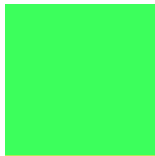
84.4292, 2.6109, 29.6701



Tritanopia

85.1208, -28.6188, -13.9480

Trichromacy



Original Color

85.5882, -67.2841, 44.5470



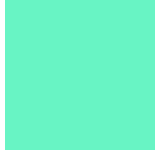
Protanomaly

82.7132, -38.6174, 43.9805



Deuteranomaly

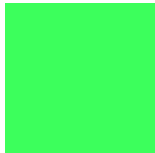
82.0796, -31.1102, 34.0033



Tritanomaly

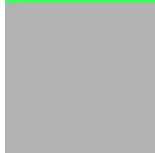
84.6345, -46.8256, 14.7461

Monochromacy



Original Color

85.5882, -67.2841, 44.5470



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

71.6939, -32.5232, 20.7801

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.5882, -67.2841, 44.5470 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(60, 255, 92)` looks like.

```
.text, #text, p{  
    color:rgb(60, 255, 92)  
}
```

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(60, 255, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 255, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 85.5882, -67.2841, 44.5470 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(60, 255, 92) }
```


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

```
.border{ border-color:rgb(60, 255, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 255, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 255, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 255, 92);  
box-shadow:4px 4px 4px 4px rgb(60, 255,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.5882, -67.2841, 44.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 255, 92) }
```

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

```
.background{ background-color: rgb(60, 255,  
92) }
```

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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