

Converting Colors

HunterLab(85.7520, -65.9306,
44.1129)

Have a look what the booklet for
HunterLab(85.7520, -65.9306,
44.1129) contains.

HunterLab(85.8733, -66.0022, 44.1187)	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(85.8733,
-66.0022, 44.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	48FF60
RGB	72, 255, 96
RGB Percent	28%, 100%, 38%
CMY	0.7176, 0.0000, 0.6235
CMYK	0.72, 0.00, 0.62, 0.00
HSL	128°, 100%, 64%
HSV	128°, 72%, 100%
XYZ	40.5438, 73.7422, 23.1631
YIQ	182.1570, -58.0290, -88.2450

Conversions

Conversions Part 2

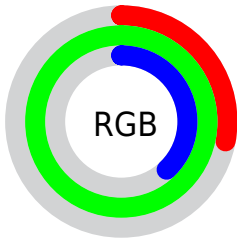
Format	Color
R_YB	72, 234, 255
Decimal	4783968
CIE Lab	88.80, -75.34, 61.30
CIE LCh	89, 97.126, 140.869
Yxy	73.7424, 0.2950, 0.5365
Android (android.graphics.Color)	4282974048 (0xFF48FF60)
YUV	182.1570, -42.4754, -96.6077
Hunter-Lab	85.8733, -66.0022, 44.1187

Details

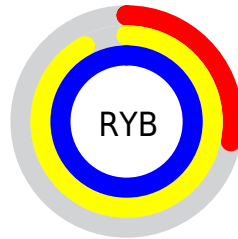
The HunterLab color **85.8733, -66.0022, 44.1187** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **56.2709, 85.4496, -43.4849**, and the grayscale version is **68.6505, -3.6630, 3.7299**.

A 20% lighter version of the original color is **89.2840, -50.4291, 34.4071**, and **63.2978, -53.5245, 36.4273** is the 20% darker color. If you saturate the color by 10%, you get **85.2085, -69.2161, 46.8039**, and if you desaturate by 10%, it is **86.8336, -61.4631, 40.6936**.

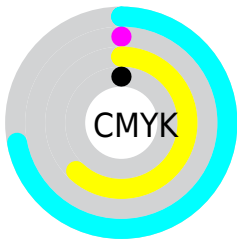
Distribution



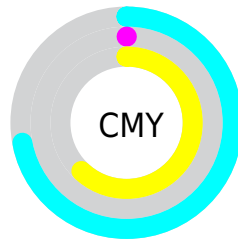
- Red (28%)
- Green (100%)
- Blue (38%)



- Red (28%)
- Yellow (92%)
- Blue (100%)



- Cyan (72%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)





- Cyan (72%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.8733, -66.0022, 44.1187 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 85.8733, -66.0022, 44.1187 by changing the saturation by 10% instead.


 85.8733, -66.0022,
44.1187


 85.8733, -66.0022,
44.1187


217.6198,
-102.3583, 75.5808

 73.8804, -61.2807,
40.0731


 111.5932,
-74.8887, 51.7682


 62.5045, -56.3247,
35.8493


 125.2710,
-79.1093, 55.4130

 51.7810, -51.0815,
31.4176


 139.4660,
-83.2089, 58.9587

 41.7524, -45.4802,
26.7481

 154.1601,
-87.2031, 62.4180

 32.4706, -39.4220,
22.0144

169.3367,
-91.1051, 65.8014

 24.0015, -32.7668,
16.8011

184.9811,

 16.4321, -27.2457,

-94.9257, 69.1180

11.5025

201.0796,
-98.6742, 72.3756

■ 9.8857, -17.2999,
6.9200

0.0000, NaN, NaN

■ 85.8733, -66.0022,
44.1187

■ 85.8733, -66.0022,
44.1187

■ 85.2085, -69.2161,
46.8039

■ 86.8336, -61.4631,
40.6936

■ 84.8084, -71.2079,
48.7658

■ 88.1100, -55.5620,
36.5427

■ 84.6359, -72.1014,
49.8588

■ 89.7152, -48.3139,
31.7010

■ 91.6547, -39.7790,
26.2234

■ 93.9282, -30.0510,
20.1784

■ 96.5304, -19.2472,
13.6428

■ 99.4522, -7.4971,
6.6957

■ 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.



85.8734, -35.5647, 53.2756



85.8733, -66.0022, 44.1187



85.8734, -79.0686, 17.6857

Triad

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



85.8734, -66.0018, 44.1180



85.8734, -18.9975, -138.7198



85.8734, 102.0482, 30.8112

Complementary

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



85.8733, -66.0022, 44.1187



56.2709, 85.4496, -43.4849

Split Complementary

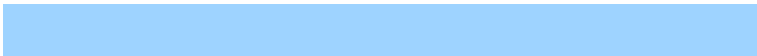
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8734, 109.2896, -10.7576



85.8733, -66.0022, 44.1187



85.8734, 31.5197, -127.8382

Square

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



85.8734, -66.0018, 44.1180



85.8734, -56.2113, -97.6040



85.8734, 81.1449, -73.0476



85.8734, 63.1338, 49.1240

Rectangle

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



85.8733, -66.0022, 44.1187



85.8734, -78.7612, -13.9483



85.8734, 81.1449, -73.0476



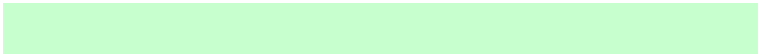
85.8734, 108.5631, 19.8800

Sweetspot

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



85.8734, -66.0018, 44.1180



93.8708, -30.2932, 20.3269



94.5628, -31.9410, 53.8658



43.1295, -15.2838, 10.1850

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.8734, -66.0018, 44.1180



85.0089, -70.2006, 47.7215



87.4038, -56.6163, 21.7874



44.9521, -7.7123, 5.6008



61.1893, -52.0582, 35.8973



19.1232, -16.0561, 10.7581

Inverse Universe

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



56.2709, 85.4496, -43.4849



52.9222, 94.9909, -46.5251



52.7754, 71.5178, 4.9551



42.7282, 3.2799, -0.9224



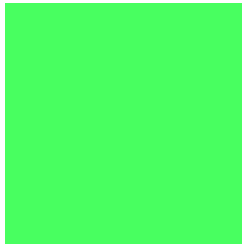
37.2398, 71.1833, -33.3704



11.6670, 22.3763, -11.0358

Previews

White Background



This preview shows how the HunterLab color 85.8733, -66.0022, 44.1187 looks on a white background.

Color Contrast Check

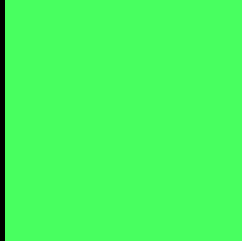
Large Text (above 18pt) WCAG AA × Fail

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 85.8733, -66.0022, 44.1187 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 85.8733, -66.0022, 44.1187 Background



This preview shows how black text looks on a background with the HunterLab color 85.8733, -66.0022, 44.1187.



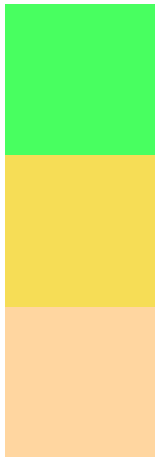
This preview shows how white text looks on a background with the HunterLab color 85.8733,

-66.0022, 44.1187.

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

85.8733, -66.0022, 44.1187

Protanopia

84.8396, -10.5705, 45.9400

Deuteranopia

84.7887, 2.4214, 29.0327



Tritanopia

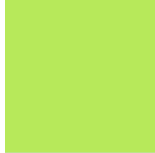
85.4045, -27.5537, -13.5357

Trichromacy



Original Color

85.8733, -66.0022, 44.1187



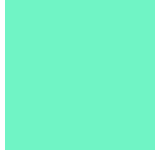
Protanomaly

83.1164, -36.9727, 43.6686



Deuteranomaly

82.7866, -30.0105, 33.5376



Tritanomaly

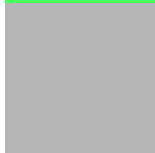
84.9572, -45.4905, 14.6895

Monochromacy



Original Color

85.8733, -66.0022, 44.1187



Achromatopsia

68.3947, -3.6494, 3.7160



Achromatomaly

73.2025, -31.6843, 20.8387

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8733, -66.0022, 44.1187 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(72, 255, 96)` looks like.

```
.text, #text, p{  
    color:rgb(72, 255, 96)  
}
```

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(72, 255, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 255, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8733, -66.0022, 44.1187 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(72, 255, 96) }
```


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

```
.border{ border-color:rgb(72, 255, 96) }
```

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

Here you see how a box with a 4 pixel rgb(72, 255, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 255, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 255, 96);  
box-shadow:4px 4px 4px 4px rgb(72, 255,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.8733, -66.0022, 44.1187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 255, 96) }
```

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

```
.background{ background-color: rgb(72, 255,  
96) }
```

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