

Converting Colors

HunterLab(85.5703, -67.0214,
41.9136)

Have a look what the booklet for
HunterLab(85.5703, -67.0214,
41.9136) contains.

HunterLab(85.5772, -66.9931, 41.9223)	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(85.5772,
-66.9931, 41.9223)**

Conversions

Conversions Part 1

Format	Color
Hex	31FF6B
RGB	49, 255, 107
RGB Percent	19%, 100%, 42%
CMY	0.8078, 0.0000, 0.5804
CMYK	0.81, 0.00, 0.58, 0.00
HSL	137°, 100%, 60%
HSV	137°, 81%, 100%
XYZ	39.6805, 73.2346, 25.9542
YIQ	176.5340, -75.2680, -89.7000

Conversions

Conversions Part 2

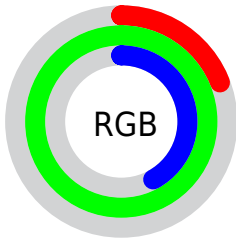
Format	Color
RYB	49, 210, 255
Decimal	3276651
CIELab	88.56, -76.99, 56.27
CIELCh	89, 95.361, 143.841
Yxy	73.2347, 0.2857, 0.5274
Android (android.graphics.Color)	4281466731 (0xFF31FF6B)
YUV	176.5340, -34.2803, -111.8473
Hunter-Lab	85.5772, -66.9931, 41.9223

Details

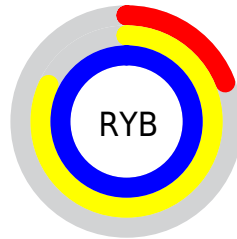
The HunterLab color **85.5772, -66.9931, 41.9223** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **52.4290, 86.7060, -25.9103**, and the grayscale version is **66.2738, -3.5362, 3.6008**.

A 20% lighter version of the original color is **88.8113, -51.9361, 30.9959**, and **63.3880, -52.9589, 35.0935** is the 20% darker color. If you saturate the color by 10%, you get **85.1024, -69.4036, 44.6884**, and if you desaturate by 10%, it is **86.3046, -63.4521, 38.6660**.

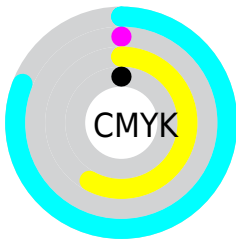
Distribution



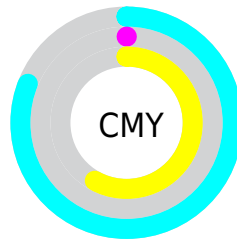
- Red (19%)
- Green (100%)
- Blue (42%)



- Red (19%)
- Yellow (82%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (81%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.5772, -66.9931, 41.9223 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 85.5772, -66.9931, 41.9223 by changing the saturation by 10% instead.

■ 85.5772, -66.9931,
41.9223

■ 85.5772, -66.9931,
41.9223

217.2160,
-104.0699, 71.2126

■ 73.5988, -62.1677,
38.1748

■ 111.2701,
-76.0681, 49.0160

■ 62.2382, -57.1000,
34.2633

■ 124.9351,
-80.3754, 52.4015

■ 51.5309, -51.7357,
30.1570

■ 139.1179,
-84.5573, 55.6987

■ 41.5196, -46.0016,
25.8225

■ 153.8001,
-88.6301, 58.9195

■ 32.2566, -39.7964,
21.2668

168.9653,
-92.6074, 62.0736

■ 23.8080, -32.9769,
16.6656

184.5986,

■ 16.2616, -27.6525,

-96.5003, 65.1693

11.3831

200.6863,
-100.3185, 68.2136

■ 9.7419, -17.0483,
6.8193

0.0000, NaN, NaN

■ 85.5772, -66.9931,
41.9223

■ 85.5772, -66.9931,
41.9223

■ 85.1024, -69.4036,
44.6884

■ 86.3046, -63.4521,
38.6660

■ 84.8441, -70.7961,
46.7808

■ 87.3111, -58.7049,
34.9520

■ 88.6145, -52.7277,
30.8211

■ 90.2255, -45.5423,
26.3243

■ 92.1488, -37.2069,
21.5193

■ 94.3837, -27.8077,
16.4668

■ 96.9253, -17.4492,
11.2273

■ 99.7652, -6.2456,
5.8577

■ 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.



85.5773, -38.7270, 52.3069



85.5772, -66.9931, 41.9223



85.5773, -78.2763, 13.5410

Triad

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



85.5773, -66.9926, 41.9215



85.5773, -14.2364, -136.3852



85.5773, 97.0945, 33.0578

Complementary

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



85.5772, -66.9931, 41.9223



52.4290, 86.7060, -25.9103

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.



85.5773, 107.6869, -5.2924



85.5772, -66.9931, 41.9223



85.5773, 35.9572, -120.5890

Square

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



85.5773, -66.9926, 41.9215



85.5773, -52.4430, -100.6598



85.5773, 83.2743, -64.8956



85.5773, 56.8793, 49.5151

Rectangle

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



85.5772, -66.9931, 41.9223



85.5773, -76.9312, -19.0805



85.5773, 83.2743, -64.8956



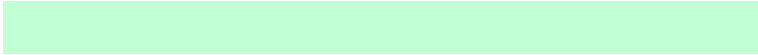
85.5773, 104.5588, 23.0890

Sweetspot

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



85.5773, -66.9926, 41.9215



93.6310, -30.9411, 18.1153



91.6681, -43.2890, 53.8480



42.9495, -15.8648, 9.2142

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.5773, -66.9926, 41.9215



84.9172, -70.3969, 46.1527



87.5641, -54.8159, 13.0552



45.0025, -7.4306, 4.8794



61.3479, -51.0641, 33.5533



19.1890, -15.6451, 9.7887

Inverse Universe

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



52.4290, 86.7060, -25.9103



49.9438, 91.7190, -22.3407



49.3165, 74.7603, 18.0809



42.6708, 2.9732, -0.1085



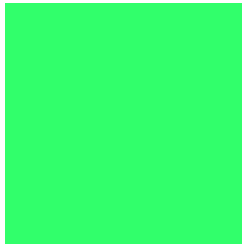
35.9534, 66.6267, -15.9568



11.3018, 21.0861, -6.1185

Previews

White Background



This preview shows how the HunterLab color 85.5772, -66.9931, 41.9223 looks on a white background.

Color Contrast Check

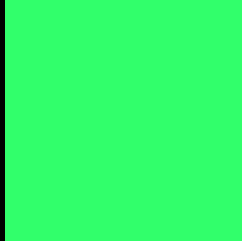
Large Text (above 18pt) WCAG AA × Fail

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 85.5772, -66.9931, 41.9223 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

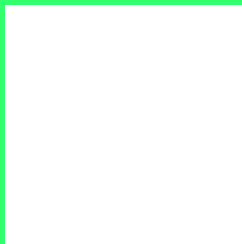
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 85.5772, -66.9931, 41.9223 Background



This preview shows how black text looks on a background with the HunterLab color 85.5772, -66.9931, 41.9223.



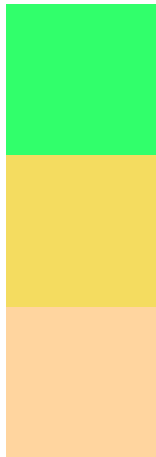
This preview shows how white text looks on a background with the HunterLab color 85.5772, -66.9931, 41.9223.

-66.9931, 41.9223.

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

85.5772, -66.9931, 41.9223

Protanopia

84.4180, -10.2636, 44.0660

Deuteranopia

84.4699, 2.8308, 29.0764



Tritanopia

85.0296, -28.9618, -14.0808

Trichromacy



Original Color

85.5772, -66.9931, 41.9223



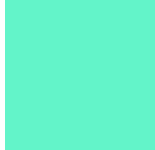
Protanomaly

82.5119, -39.1009, 41.4955



Deuteranomaly

81.9046, -31.5328, 31.9567



Tritanomaly

84.5997, -46.6904, 12.5858

Monochromacy



Original Color

85.5772, -66.9931, 41.9223



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

71.1867, -32.5399, 18.5539

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.5772, -66.9931, 41.9223 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(49, 255, 107)` looks like.

```
.text, #text, p{  
    color:rgb(49, 255, 107)  
}
```

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(49, 255, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 255, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 85.5772, -66.9931, 41.9223 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(49, 255, 107) }
```


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

```
.border{ border-color:rgb(49, 255, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 255, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 255, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 255, 107);  
box-shadow:4px 4px 4px 4px rgb(49, 255,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.5772, -66.9931, 41.9223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 255, 107) }
```

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

```
.background{ background-color: rgb(49, 255,  
107) }
```

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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