

Converting Colors

HunterLab(85.6303, -66.7227,
41.6018)

Have a look what the booklet for
HunterLab(85.6303, -66.7227,
41.6018) contains.

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Color

**HunterLab(85.6317,
-66.7138, 41.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF6D
RGB	51, 255, 109
RGB Percent	20%, 100%, 43%
CMY	0.8000, 0.0000, 0.5725
CMYK	0.80, 0.00, 0.57, 0.00
HSL	137°, 100%, 60%
HSV	137°, 80%, 100%
XYZ	39.8855, 73.3279, 26.5195
YIQ	177.3600, -74.7180, -88.6540

Conversions

Conversions Part 2

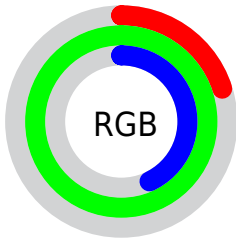
Format	Color
RYB	51, 210, 255
Decimal	3407725
CIELab	88.60, -76.54, 55.45
CIELCh	89, 94.515, 144.079
Yxy	73.3281, 0.2854, 0.5248
Android (android.graphics.Color)	4281597805 (0xFF33FF6D)
YUV	177.3600, -33.7015, -110.8177
Hunter-Lab	85.6317, -66.7138, 41.5805

Details

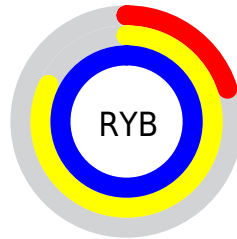
The HunterLab color **85.6317, -66.7138, 41.5805** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **52.5918, 86.1587, -25.6344**, and the grayscale version is **66.6154, -3.5544, 3.6193**.

A 20% lighter version of the original color is **88.8964, -51.5145, 30.4509**, and **63.4026, -52.8680, 34.8792** is the 20% darker color. If you saturate the color by 10%, you get **85.1377, -69.2127, 44.3957**, and if you desaturate by 10%, it is **86.3806, -63.0783, 38.2818**.

Distribution



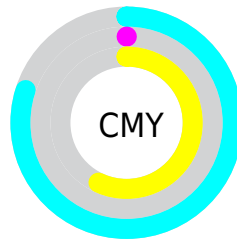
- Red (20%)
- Green (100%)
- Blue (43%)



- Red (20%)
- Yellow (82%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.6317, -66.7138, 41.5805 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 85.6317, -66.7138, 41.5805 by changing the saturation by 10% instead.


 85.6317, -66.7138,
41.5805

 85.6317, -66.7138,
41.5805


217.2904,
-103.5955, 70.5137


 73.6507, -61.9164,
37.8828


 111.3296,
-75.7380, 48.5822


 62.2872, -56.8787,
34.0237


 124.9970,
-80.0218, 51.9248

 51.5770, -51.5469,
29.9727


 139.1821,
-84.1814, 55.1812

 41.5625, -45.8482,
25.6955

 153.8664,
-88.2330, 58.3628

 32.2960, -39.6821,
21.1813

169.0337,
-92.1898, 61.4794

 23.8437, -32.9061,
16.6906

184.6691,

 16.2930, -27.5371,

-96.0631, 64.5389

11.4051

200.7588,
-99.8624, 67.5484

■ 9.7683, -17.0946,
6.8378

0.0000, NaN, NaN

■ 85.6317, -66.7138,
41.5805

■ 85.6317, -66.7138,
41.5805

■ 85.1377, -69.2127,
44.3957

■ 86.3806, -63.0783,
38.2818

■ 84.8496, -70.7621,
46.7004

■ 87.4098, -58.2351,
34.5333

■ 84.8496, -70.7622,
46.7006

■ 88.7367, -52.1644,
30.3770

■ 90.3715, -44.8911,
25.8646

■ 92.3182, -36.4759,
21.0540

■ 94.5759, -27.0064,
16.0058

■ 97.1394, -16.5879,
10.7799

■ 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.



85.6318, -38.7530, 52.1000



85.6317, -66.7138, 41.5805



85.6318, -77.8190, 13.1505

Triad

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



85.6318, -66.7133, 41.5798



85.6318, -13.7958, -134.6800



85.6318, 95.8226, 33.0797

Complementary

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



85.6317, -66.7138, 41.5805



52.5918, 86.1587, -25.6344

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.



85.6318, 106.5684, -4.7974



85.6317, -66.7138, 41.5805



85.6318, 35.9819, -118.7084

Square

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



85.6318, -66.7133, 41.5798



85.6318, -51.8524, -99.8196



85.6318, 82.6869, -63.6101



85.6318, 55.8885, 49.3999

Rectangle

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



85.6317, -66.7138, 41.5805



85.6318, -76.3957, -19.2913



85.6318, 82.6869, -63.6101



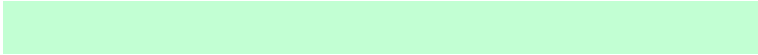
85.6318, 103.2859, 23.2229

Sweetspot

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



85.6318, -66.7133, 41.5798



93.6355, -30.9151, 18.0501



91.4639, -44.0669, 53.5578



42.9519, -15.8513, 9.1806

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.6318, -66.7133, 41.5798



84.9483, -70.2222, 45.8449



87.7023, -54.0383, 11.5216



45.0034, -7.4254, 4.8660



61.3520, -51.0388, 33.4934



19.1905, -15.6357, 9.7666

Inverse Universe

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



52.5918, 86.1587, -25.6344



50.0010, 91.5289, -22.2738



49.4547, 74.0658, 18.7332



42.6698, 2.9676, -0.0937



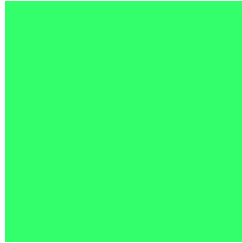
35.9323, 66.5513, -15.6660



11.2957, 21.0644, -6.0350

Previews

White Background



This preview shows how the HunterLab color 85.6317, -66.7138, 41.5805 looks on a white background.

Color Contrast Check

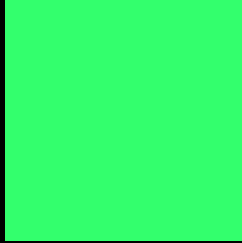
Large Text (above 18pt) WCAG AA × Fail

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 85.6317, -66.7138, 41.5805 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 85.6317, -66.7138, 41.5805 Background



This preview shows how black text looks on a background with the HunterLab color 85.6317, -66.7138, 41.5805.



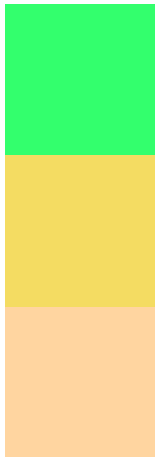
This preview shows how white text looks on a background with the HunterLab color 85.6317, -66.7138, 41.5805.

-66.7138, 41.5805.

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

85.6317, -66.7138, 41.5805

Protanopia

84.4401, -10.1410, 43.7405

Deuteranopia

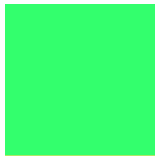
84.4906, 2.9421, 28.7761



Tritanopia

85.0750, -28.7911, -14.0147

Trichromacy



Original Color

85.6317, -66.7138, 41.5805



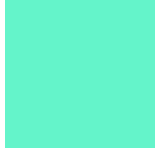
Protanomaly

82.6050, -38.6909, 41.2010



Deuteranomaly

81.9961, -31.1479, 31.7591



Tritanomaly

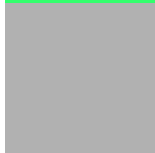
84.6611, -46.3906, 12.2236

Monochromacy



Original Color

85.6317, -66.7138, 41.5805



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

71.2425, -32.3234, 18.6115

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.6317, -66.7138, 41.5805 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 85.6317, -66.7138, 41.5805 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, 109) }
```


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

```
.border{ border-color:rgb(51, 255, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 109);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.6317, -66.7138, 41.5805 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, 109) }
```

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

```
.background{ background-color: rgb(51, 255,  
109) }
```

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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