

Converting Colors

HunterLab(85.3516, -68.0688,
42.7195)

Have a look what the booklet for
HunterLab(85.3516, -68.0688,
42.7195) contains.

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Color

**HunterLab(85.3548,
-68.0500, 42.6721)**

Conversions

Conversions Part 1

Format	Color
Hex	24FF66
RGB	36, 255, 102
RGB Percent	14%, 100%, 40%
CMY	0.8588, 0.0000, 0.6000
CMYK	0.86, 0.00, 0.60, 0.00
HSL	138°, 100%, 57%
HSV	138°, 86%, 100%
XYZ	38.8859, 72.8544, 24.5832
YIQ	172.0770, -81.4110, -94.0110

Conversions

Conversions Part 2

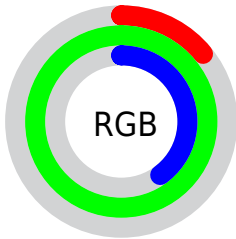
Format	Color
RYB	36, 204, 255
Decimal	2424678
CIELab	88.38, -78.72, 58.18
CIELCh	88, 97.887, 143.535
Yxy	72.8545, 0.2852, 0.5344
Android (android.graphics.Color)	4280614758 (0xFF24FF66)
YUV	172.0770, -34.5480, -119.3395
Hunter-Lab	85.3548, -68.0500, 42.6721

Details

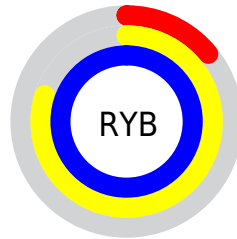
The HunterLab color **85.3548, -68.0500, 42.6721** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **51.1821, 88.4923, -22.6830**, and the grayscale version is **64.4250, -3.4376, 3.5003**.

A 20% lighter version of the original color is **88.4954, -53.4025, 32.2244**, and **63.3481, -53.2093, 35.6841** is the 20% darker color. If you saturate the color by 10%, you get **84.9888, -69.9715, 45.2662**, and if you desaturate by 10%, it is **85.9534, -65.0764, 39.6072**.

Distribution



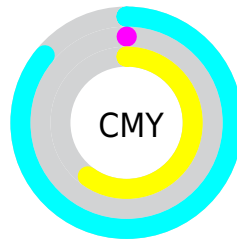
- Red (14%)
- Green (100%)
- Blue (40%)



- Red (14%)
- Yellow (80%)
- Blue (100%)



- Cyan (86%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (86%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.3548, -68.0500, 42.6721 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 85.3548, -68.0500, 42.6721 by changing the saturation by 10% instead.


 85.3548, -68.0500,
42.6721


 85.3548, -68.0500,
42.6721


216.9125,
-105.8783, 72.8056

 73.3874, -63.1169,
38.8070


 111.0273,
-77.3213, 49.9836


 62.0382, -57.9335,
34.7715


 124.6829,
-81.7188, 53.4701

 51.3431, -52.4438,
30.5350


 138.8564,
-85.9865, 56.8639

 41.3449, -46.5728,
26.0652

 153.5297,
-90.1413, 60.1771

 32.0960, -40.2166,
21.4350

168.6863,
-94.1972, 63.4198

 23.6630, -33.2295,
16.5641

184.3112,

 16.1339, -28.1009,

-98.1657, 66.6008

11.2937

200.3908,
-102.0566, 69.7273

■ 9.6343, -16.8599,
6.7440

0.0000, NaN, NaN

■ 85.3548, -68.0500,
42.6721

■ 85.3548, -68.0500,
42.6721

■ 84.9888, -69.9715,
45.2662

■ 85.9534, -65.0764,
39.6072

■ 84.8845, -70.5437,
46.1855

■ 86.8164, -60.9440,
36.1025

■ 87.9657, -55.6036,
32.1956

■ 89.4153, -49.0551,
27.9344

■ 91.1729, -41.3386,
23.3734

■ 93.2403, -32.5260,
18.5711

■ 95.6149, -22.7115,
13.5865

■ 98.2901, -12.0038,
8.4761

■ 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.



85.3549, -39.1181, 52.8060



85.3548, -68.0500, 42.6721



85.3549, -79.6375, 14.1625

Triad

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



85.3549, -68.0495, 42.6713



85.3549, -14.9426, -141.6836



85.3549, 100.5344, 33.3166

Complementary

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



85.3548, -68.0500, 42.6721



51.1821, 88.4923, -22.6830

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.



85.3549, 111.1283, -6.1103



85.3548, -68.0500, 42.6721



85.3549, 36.5585, -125.7316

Square

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



85.3549, -68.0495, 42.6713



85.3549, -53.7843, -103.9098



85.3549, 85.5335, -67.9298



85.3549, 59.1947, 49.9382

Rectangle

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



85.3548, -68.0500, 42.6721



85.3549, -78.3865, -19.1905



85.3549, 85.5335, -67.9298



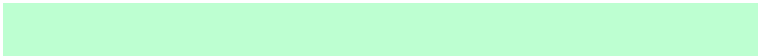
85.3549, 108.1458, 23.1248

Sweetspot

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



85.3549, -68.0495, 42.6713



93.2138, -32.6372, 18.6296



90.8321, -46.6676, 54.0637



42.7781, -16.5647, 9.3990

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.3549, -68.0495, 42.6713



84.8845, -70.5437, 46.1855



87.5262, -54.7280, 11.1390



45.0092, -7.3931, 4.7834



61.3780, -50.8761, 33.1098



19.2000, -15.5762, 9.6262

Inverse Universe

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



51.1821, 88.4923, -22.6830



49.4776, 91.2404, -18.4812



48.0607, 76.7559, 21.6428



42.6634, 2.9331, -0.0023



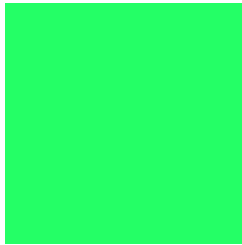
35.8039, 66.0923, -13.8949



11.2585, 20.9318, -5.5255

Previews

White Background



This preview shows how the HunterLab color 85.3548, -68.0500, 42.6721 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 85.3548, -68.0500, 42.6721 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 85.3548, -68.0500, 42.6721 Background



This preview shows how black text looks on a background with the HunterLab color 85.3548, -68.0500, 42.6721.



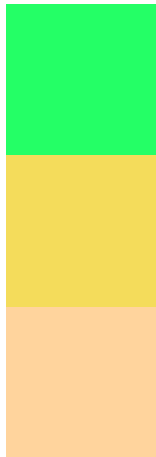
This preview shows how white text looks on a background with the HunterLab color 85.3548, -68.0500, 42.6721.

-68.0500, 42.6721.

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

85.3548, -68.0500, 42.6721

Protanopia

84.3652, -10.5568, 44.8448

Deuteranopia

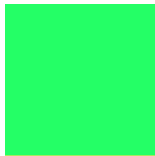
84.1316, 3.1313, 29.4167



Tritanopia

84.8524, -29.6300, -14.3395

Trichromacy



Original Color

85.3548, -68.0500, 42.6721



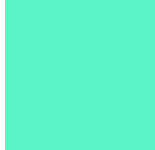
Protanomaly

82.1151, -40.7667, 42.0681



Deuteranomaly

81.4904, -33.2221, 32.4131



Tritanomaly

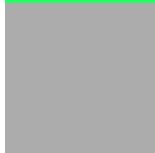
84.2906, -48.0332, 13.0919

Monochromacy



Original Color

85.3548, -68.0500, 42.6721



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

69.6840, -33.4312, 18.8673

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.3548, -68.0500, 42.6721 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(36, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(36, 255, 102)  
}
```

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(36, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 255, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 85.3548, -68.0500, 42.6721 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(36, 255, 102) }
```


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

```
.border{ border-color:rgb(36, 255, 102) }
```

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

Here you see how a box with a 4 pixel rgb(36, 255, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(36, 255,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.3548, -68.0500, 42.6721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 255, 102) }
```

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

```
.background{ background-color: rgb(36, 255,  
102) }
```

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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