

Converting Colors

HunterLab(86.2559, -62.8570,
32.4415)

Have a look what the booklet for
HunterLab(86.2559, -62.8570,
32.4415) contains.

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Color

**HunterLab(86.2518,
-62.8824, 32.5016)**

Conversions

Conversions Part 1

Format	Color
Hex	33FF95
RGB	51, 255, 149
RGB Percent	20%, 100%, 58%
CMY	0.8000, 0.0000, 0.4157
CMYK	0.80, 0.00, 0.42, 0.00
HSL	149°, 100%, 60%
HSV	149°, 80%, 100%
XYZ	42.5500, 74.3937, 40.5505
YIQ	181.9200, -87.5580, -76.2140

Conversions

Conversions Part 2

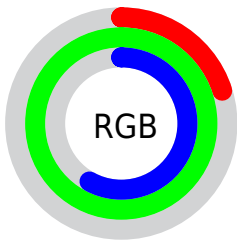
Format	Color
RYB	51, 189, 255
Decimal	3407765
CIELab	89.11, -70.56, 37.33
CIELCh	89, 79.823, 152.121
Yxy	74.3940, 0.2702, 0.4724
Android (android.graphics.Color)	4281597845 (0xFF33FF95)
YUV	181.9200, -16.2296, -114.8168
Hunter-Lab	86.2518, -62.8824, 32.5016

Details

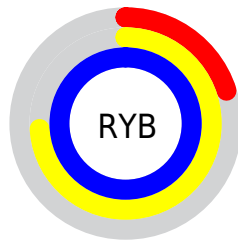
The HunterLab color **86.2518, -62.8824, 32.5016** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **51.0515, 80.2740, -4.1843**, and the grayscale version is **68.4542, -3.6525, 3.7192**.

A 20% lighter version of the original color is **89.7917, -46.0795, 16.8014**, and **63.8714, -49.9457, 27.9848** is the 20% darker color. If you saturate the color by 10%, you get **85.7343, -65.5056, 35.6378**, and if you desaturate by 10%, it is **87.0028, -59.2638, 29.1985**.

Distribution



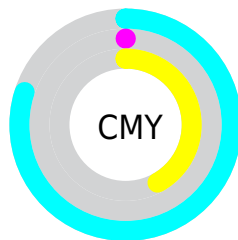
- Red (20%)
- Green (100%)
- Blue (58%)



- Red (20%)
- Yellow (74%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.2518, -62.8824, 32.5016 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 86.2518, -62.8824, 32.5016 by changing the saturation by 10% instead.


 86.2518, -62.8824,
32.5016


 86.2518, -62.8824,
32.5016


218.1357,
-97.2047, 53.7410

 74.2405, -58.4502,
29.8850


 112.0063,
-71.2400, 37.5129

 62.8451, -53.8046,
27.1733


 125.7003,
-75.2169, 39.9338

 52.1009, -48.8968,
24.3426


 139.9109,
-79.0842, 42.3105

 42.0502, -43.6611,
21.3619

 154.6200,
-82.8563, 44.6500

 32.7446, -38.0054,
18.1899

169.8113,
-86.5452, 46.9583

 24.2493, -31.7970,
14.7761

185.4698,

 16.6506, -26.0490,

-90.1608, 49.2403

11.6554

201.5821,
-93.7116, 51.5000

■ 10.0703, -17.6229,
7.0492

0.0000, NaN, NaN

■ 86.2518, -62.8824,
32.5016

■ 86.2518, -62.8824,
32.5016

■ 85.7343, -65.5056,
35.6378

■ 87.0028, -59.2638,
29.1985

■ 85.4036, -67.3075,
38.5508

■ 88.0114, -54.5850,
25.7798

■ 85.4035, -67.3078,
38.5514

■ 89.2941, -48.8250,
22.2942

■ 90.8610, -42.0010,
18.7899

■ 92.7169, -34.1611,
15.3129

■ 94.8618, -25.3769,
11.9047

■ 97.2920, -15.7355,
8.6014

■ 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.



86.2519, -42.0004, 46.6546



86.2518, -62.8824, 32.5016



86.2519, -69.0908, 1.9275

Triad

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



86.2519, -62.8817, 32.5009



86.2519, -1.7258, -105.9467



86.2519, 71.1622, 35.3698

Complementary

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



86.2518, -62.8824, 32.5016



51.0515, 80.2740, -4.1843

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.



86.2519, 87.0954, 7.3736



86.2518, -62.8824, 32.5016



86.2519, 40.4922, -83.7584

Square

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



86.2519, -62.8817, 32.5009



86.2519, -37.8772, -88.9528



86.2519, 74.9640, -37.2842



86.2519, 34.6233, 47.6972

Rectangle

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



86.2518, -62.8824, 32.5016



86.2519, -65.2018, -27.8614



86.2519, 74.9640, -37.2842



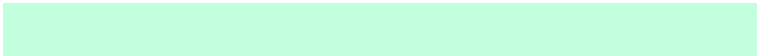
86.2519, 79.3789, 28.0601

Sweetspot

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



86.2519, -62.8817, 32.5009



93.9688, -29.0005, 13.2580



89.0013, -53.8374, 51.8128



43.1244, -14.8538, 6.6969

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.2519, -62.8817, 32.5009



85.5214, -66.6529, 37.4207



88.8896, -46.9185, -5.3915



45.0705, -7.0504, 3.9055



61.7586, -48.5040, 27.5132



19.3278, -14.7826, 7.7533

Inverse Universe

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



51.0515, 80.2740, -4.1843



48.2691, 85.2489, 1.9799



48.9200, 71.9563, 26.5839



42.5966, 2.5755, 0.9466



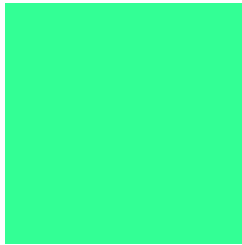
34.6653, 61.9848, 2.0949



10.9185, 19.7103, -0.7902

Previews

White Background



This preview shows how the HunterLab color 86.2518, -62.8824, 32.5016 looks on a white background.

Color Contrast Check

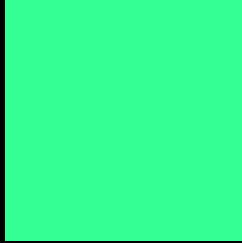
Large Text (above 18pt) WCAG AA × Fail

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 86.2518, -62.8824, 32.5016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

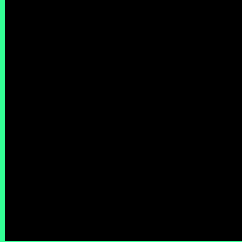
Any Text WCAG AA ✓ Pass

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 86.2518, -62.8824, 32.5016 Background



This preview shows how black text looks on a background with the HunterLab color 86.2518, -62.8824, 32.5016.



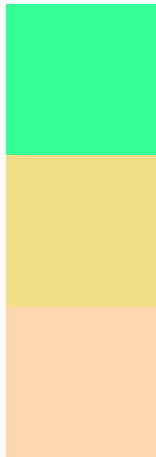
This preview shows how white text looks on a background with the HunterLab color 86.2518, -62.8824, 32.5016.

-62.8824, 32.5016.

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

86.2518, -62.8824, 32.5016

Protanopia

85.3800, -8.9581, 36.2790

Deuteranopia

85.1166, 4.1873, 24.2705



Tritanopia

85.6956, -28.2061, -13.1446

Trichromacy



Original Color

86.2518, -62.8824, 32.5016



Protanomaly

83.4583, -35.9811, 32.8948



Deuteranomaly

82.8345, -28.6857, 24.7178



Tritanomaly

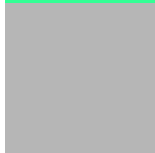
85.2070, -43.4156, 6.5386

Monochromacy



Original Color

86.2518, -62.8824, 32.5016



Achromatopsia

68.3947, -3.6494, 3.7160



Achromatomaly

73.1926, -30.8101, 13.7550

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.2518, -62.8824, 32.5016 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 86.2518, -62.8824, 32.5016 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, 149) }
```


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

```
.border{ border-color:rgb(51, 255, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 255, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 255, 149); box-shadow:4px 4px 4px 4px rgb(51, 255, 149) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.2518, -62.8824, 32.5016 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, 149) }
```

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

```
.background{ background-color: rgb(51, 255,  
149) }
```

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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