

Converting Colors

HunterLab(81.4935, -62.5306,
33.8458)

Have a look what the booklet for
HunterLab(81.4935, -62.5306,
33.8458) contains.

| | |
|--|----|
| HunterLab(81.4952, -62.5016, 33.7580) | 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(81.4952,
-62.5016, 33.7580)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0FF482 |
| RGB | 15, 244, 130 |
| RGB Percent | 6%, 96%, 51% |
| CMY | 0.9411, 0.0431, 0.4902 |
| CMYK | 0.94, 0.00, 0.47, 0.04 |
| HSL | 150°, 91%, 51% |
| HSV | 150°, 94%, 96% |
| XYZ | 36.5770, 66.4147, 32.0107 |
| YIQ | 162.5330, -99.8900, -84.0020 |

Conversions

Conversions Part 2

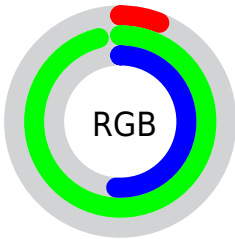
| Format | Color |
|-------------------------------------|----------------------------------|
| R _Y B | 15, 167, 244 |
| Decimal | 1045634 |
| CIE Lab | 85.21, -72.55, 41.51 |
| CIE LCh | 85, 83.589, 150.225 |
| Yxy | 66.4174, 0.2709, 0.4920 |
| Android (android.graphics.Color) | 4279235714 (0xFF0FF482) |
| YUV | 162.5330, -16.0388, -129.3864 |
| Hunter-Lab | 81.4952, -62.5016, 33.7580 |

Details

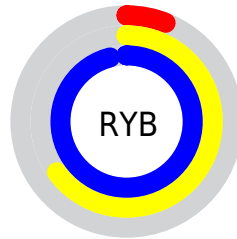
The HunterLab color **81.4952, -62.5016, 33.7580** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **46.0012, 80.3141, 2.9776**, and the grayscale version is **60.4229, -3.2240, 3.2829**.

A 20% lighter version of the original color is **88.6710, -51.5381, 23.4148**, and **59.7226, -47.9241, 28.8063** is the 20% darker color. If you saturate the color by 10%, you get **81.3156, -63.5013, 35.4436**, and if you desaturate by 10%, it is **81.9151, -60.3323, 30.8537**.

Distribution



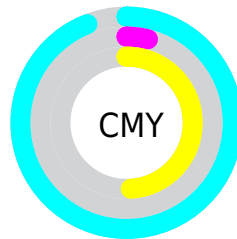
- Red (6%)
- Green (96%)
- Blue (51%)



- Red (6%)
- Yellow (65%)
- Blue (96%)



- Cyan (94%)
- Magenta (0%)
- Yellow (47%)
- Black (4%)





- Cyan (94%)
- Magenta (4%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 81.4952, -62.5016, 33.7580 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 81.4952, -62.5016, 33.7580 by changing the saturation by 10% instead.


 81.4952, -62.5016,
33.7580

 81.4952, -62.5016,
33.7580


211.6289,
-98.0236, 56.9007


 69.7218, -57.8716,
30.8572


 106.8106,
-71.2022, 39.2812

 58.5758, -53.0009,
27.8350


 120.2978,
-75.3282, 41.9333


 48.0966, -47.8344,
24.6634


 134.3093,
-79.3333, 44.5279

 38.3296, -42.2955,
21.3057

 148.8260,
-83.2337, 47.0739

 29.3313, -36.2757,
17.7151

 163.8311,
-87.0427, 49.5786

 21.1738, -29.6186,
14.4391

179.3091,

 13.9550, -24.4212,

-90.7713, 52.0481

9.7685

195.2460,
-94.4290, 54.4873

■ 7.5938, -13.2891,
5.3156

0.0000, NaN, NaN

■ 81.4952, -62.5016,
33.7580

■ 81.4952, -62.5016,
33.7580

■ 81.3156, -63.5013,
35.4436

■ 81.9151, -60.3323,
30.8537

■ 82.5413, -57.2710,
27.8053

■ 83.4018, -53.2367,
24.6606

■ 84.5146, -48.1947,
21.4660

■ 85.8916, -42.1479,
18.2669

■ 87.5389, -35.1302,
15.1061

■ 89.4583, -27.2002,
12.0226

■ 91.6478, -18.4337,
9.0501

■ 94.1022, -8.9173,
6.2164

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4968, -40.6279, 46.4554



81.4952, -62.5016, 33.7580



81.4968, -69.5756, 4.1381

Triad

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



81.4968, -62.5024, 33.7585



81.4968, -4.0400, -113.1696



81.4968, 76.3188, 34.0564

Complementary

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



81.4952, -62.5016, 33.7580



46.0012, 80.3141, 2.9776

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.



81.4968, 91.3275, 4.7329



81.4952, -62.5016, 33.7580



81.4968, 39.6407, -91.6619

Square

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



81.4968, -62.5024, 33.7585



81.4968, -40.1851, -92.2572



81.4968, 76.7438, -42.7488



81.4968, 38.9905, 46.5572

Rectangle

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



81.4952, -62.5016, 33.7580



81.4968, -66.3264, -26.2698



81.4968, 76.7438, -42.7488



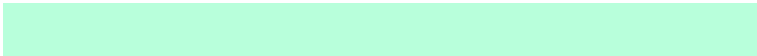
81.4968, 84.4385, 26.4847

Sweetspot

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



81.4968, -62.5024, 33.7585



93.1662, -32.2258, 13.9951



83.3339, -56.7945, 50.0338



42.7070, -16.5525, 7.1265

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.4968, -62.5024, 33.7585



85.4868, -66.7907, 37.3310



84.4615, -44.5075, -8.8175



43.1403, -6.6890, 3.6287



59.9832, -46.6814, 25.7979



17.8410, -13.4786, 6.7966

Inverse Universe

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



46.0012, 80.3141, 2.9776



47.7399, 84.9628, 5.9900



44.2836, 73.9303, 27.9759



40.7678, 2.4035, 1.0204



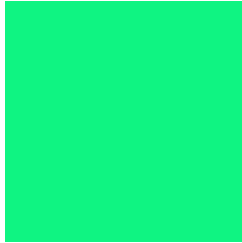
33.5297, 59.7604, 3.5292



10.0441, 18.0938, -0.4318

Previews

White Background



This preview shows how the HunterLab color 81.4952, -62.5016, 33.7580 looks on a white background.

Color Contrast Check

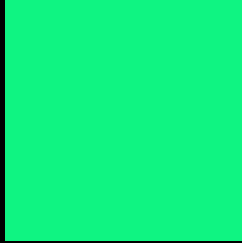
Large Text (above 18pt) WCAG AA × Fail

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 81.4952, -62.5016, 33.7580 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

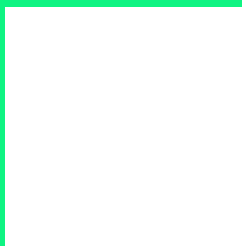
Any Text WCAG AAA ✓ Pass

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

HunterLab 81.4952, -62.5016, 33.7580 Background



This preview shows how black text looks on a background with the HunterLab color 81.4952, -62.5016, 33.7580.



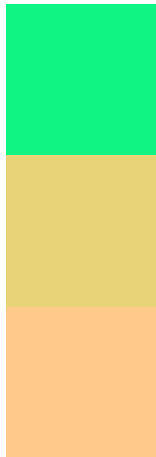
This preview shows how white text looks on a background with the HunterLab color 81.4952, -62.5016, 33.7580.

-62.5016, 33.7580.

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

81.4952, -62.5016, 33.7580

Protanopia

80.6550, -8.7060, 36.9475

Deuteranopia

80.6332, 5.7997, 31.5437



Tritanopia

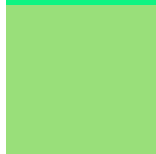
81.4362, -32.5041, -15.6385

Trichromacy



Original Color

81.4952, -62.5016, 33.7580



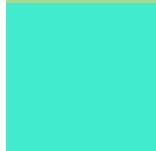
Protanomaly

78.0723, -38.2282, 33.4557



Deuteranomaly

77.1429, -30.9152, 29.0918



Tritanomaly

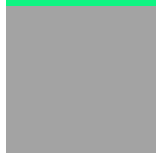
80.9759, -46.2238, 6.3331

Monochromacy



Original Color

81.4952, -62.5016, 33.7580



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

65.7152, -31.4975, 13.5264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.4952, -62.5016, 33.7580 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(15, 244, 130)` looks like.

```
.text, #text, p{  
    color:rgb(15, 244, 130)  
}
```

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(15, 244, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 244, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 81.4952, -62.5016, 33.7580 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(15, 244, 130) }
```


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

```
.border{ border-color:rgb(15, 244, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 244, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(15, 244, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(15, 244, 130); box-shadow:4px 4px 4px 4px rgb(15, 244, 130) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.4952, -62.5016, 33.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 244, 130) }
```

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

```
.background{ background-color: rgb(15, 244,  
130) }
```

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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