

Converting Colors

HunterLab(76.5330, -65.0558,
45.9482)

Have a look what the booklet for
HunterLab(76.5330, -65.0558,
45.9482) contains.

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Color

**HunterLab(76.4486,
-64.9880, 45.9027)**

Conversions

Conversions Part 1

Format	Color
Hex	15E903
RGB	21, 233, 3
RGB Percent	8%, 91%, 1%
CMY	0.9176, 0.0863, 0.9881
CMYK	0.91, 0.00, 0.99, 0.09
HSL	115°, 97%, 46%
HSV	115°, 99%, 91%
XYZ	29.4646, 58.4439, 9.8140
YIQ	143.3920, -52.5220, -116.4740

Conversions

Conversions Part 2

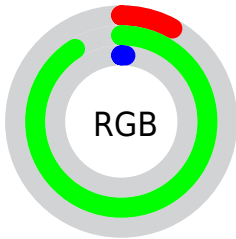
Format	Color
R_{YB}	3, 233, 215
Decimal	1435907
CIE _{Lab}	80.99, -79.64, 77.54
CIE _{LCh}	81, 111.157, 135.766
Yxy	58.4463, 0.3015, 0.5981
Android (android.graphics.Color)	4279625987 (0xFF15E903)
YUV	143.3920, -69.2133, -107.3378
Hunter-Lab	76.4486, -64.9880, 45.9027

Details

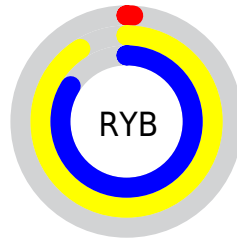
The HunterLab color **76.4486, -64.9880, 45.9027** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **45.1687, 90.0032, -71.7878**, and the grayscale version is **52.8530, -2.8201, 2.8716**.

A 20% lighter version of the original color is **87.2216, -60.5599, 46.4094**, and **55.3714, -47.4810, 33.2884** is the 20% darker color. If you saturate the color by 10%, you get **76.4270, -65.0971, 45.9543**, and if you desaturate by 10%, it is **76.7195, -63.7498, 45.3877**.

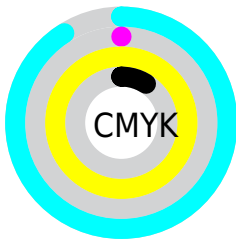
Distribution



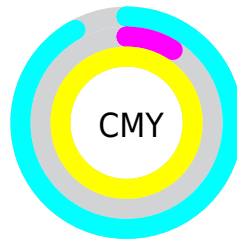
- Red (8%)
- Green (91%)
- Blue (1%)



- Red (1%)
- Yellow (91%)
- Blue (84%)



- Cyan (91%)
- Magenta (0%)
- Yellow (99%)
- Black (9%)



- Cyan (92%)
- Magenta (9%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.4486, -64.9880, 45.9027 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 76.4486, -64.9880, 45.9027 by changing the saturation by 10% instead.

■ 76.4486, -64.9880,
45.9027

■ 76.4486, -64.9880,
45.9027

204.6575,
-104.0279, 85.3816

■ 64.9366, -59.8177,
40.7327

■ 101.2781,
-74.6446, 55.6445

■ 54.0671, -54.3517,
35.3375

■ 114.5377,
-79.1996, 60.2578

■ 43.8826, -48.5213,
29.7386

■ 128.3301,
-83.6077, 64.7251

■ 34.4325, -42.2301,
24.1028

■ 142.6357,
-87.8887, 69.0629

■ 25.7792, -35.3441,
18.0455

■ 157.4366,
-92.0588, 73.2857

■ 18.0042, -28.8901,
12.6030

■ 172.7167,

■ 11.2209, -19.6366,

-96.1315, 77.4061

7.8546

188.4614,
-100.1180, 81.4349

■ 3.3044, -5.7827,
2.3131

0.0000, NaN, NaN

■ 76.4486, -64.9880,
45.9027

■ 76.4486, -64.9880,
45.9027

■ 76.4270, -65.0971,
45.9543

■ 76.7195, -63.7498,
45.3877

■ 77.1985, -61.5230,
44.2063

■ 77.9181, -58.1765,
42.2066

■ 78.8986, -53.6488,
39.3190

■ 80.1532, -47.9271,
35.5159

■ 81.6891, -41.0394,
30.8041

■ 83.5086, -33.0473,
25.2187

■ 85.6095, -24.0369,
18.8161

■ 87.9860, -14.1103,
11.6675

Harmonies

Analogous

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



76.4502, -30.2140, 51.2073



76.4486, -64.9880, 45.9027



76.4502, -80.7441, 24.6213

Triad

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



76.4502, -64.9890, 45.9029



76.4502, -27.8957, -165.9125



76.4502, 123.1412, 26.3649

Complementary

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



76.4486, -64.9880, 45.9027



45.1687, 90.0032, -71.7878

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.



76.4502, 124.2728, -24.2091



76.4486, -64.9880, 45.9027



76.4502, 26.1096, -164.0750

Square

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



76.4502, -64.9890, 45.9029



76.4502, -63.6986, -105.2789



76.4502, 85.0692, -101.2556



76.4502, 82.3069, 46.4260

Rectangle

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



76.4486, -64.9880, 45.9027



76.4502, -82.1923, -6.4026



76.4502, 85.0692, -101.2556



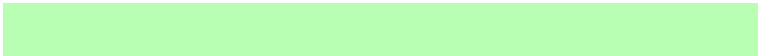
76.4502, 128.4918, 13.4045

Sweetspot

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



76.4502, -64.9890, 45.9029



92.1975, -37.9649, 28.8914



80.8351, -14.2066, 49.4976



42.2509, -19.3333, 14.6061

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.4502, -64.9890, 45.9029



84.6569, -72.1443, 50.9022



76.9402, -61.7438, 37.2609



41.1319, -6.9838, 5.7363



57.5870, -48.9590, 34.6277



16.1976, -13.4611, 9.7453

Inverse Universe

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



45.1687, 90.0032, -71.7878



49.8954, 99.9172, -79.9265



43.8196, 78.7899, -3.7349



39.0518, 2.9278, -1.5772



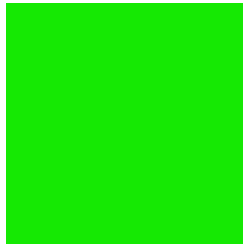
33.9757, 68.0095, -54.2083



9.6138, 19.1905, -14.9236

Previews

White Background



This preview shows how the HunterLab color 76.4486, -64.9880, 45.9027 looks on a white background.

Color Contrast Check

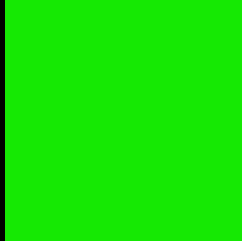
Large Text (above 18pt) WCAG AA × Fail

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 76.4486, -64.9880, 45.9027 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

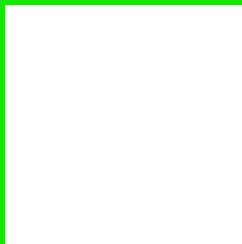
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.4486, -64.9880, 45.9027 Background



This preview shows how black text looks on a background with the HunterLab color 76.4486, -64.9880, 45.9027.



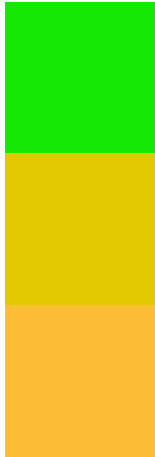
This preview shows how white text looks on a background with the HunterLab color 76.4486, -64.9880, 45.9027.

-64.9880, 45.9027.

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

76.4486, -64.9880, 45.9027

Protanopia

75.7074, -10.5784, 46.4654

Deuteranopia

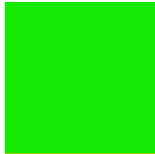
75.4707, 5.6246, 44.1427



Tritanopia

76.3013, -28.6989, -13.9731

Trichromacy



Original Color

76.4486, -64.9880, 45.9027



Protanomaly

73.2588, -39.7275, 44.4230



Deuteranomaly

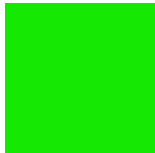
72.1066, -31.9779, 42.6275



Tritanomaly

75.0446, -49.2878, 22.5827

Monochromacy



Original Color

76.4486, -64.9880, 45.9027



Achromatopsia

52.4097, -2.7964, 2.8475



Achromatomaly

58.7163, -34.0404, 25.3606

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.4486, -64.9880, 45.9027 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(21, 233, 3)` looks like.

```
.text, #text, p{  
    color:rgb(21, 233, 3)  
}
```

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(21, 233, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 233, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 76.4486, -64.9880, 45.9027 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(21, 233, 3) }
```


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

```
.border{ border-color:rgb(21, 233, 3) }
```

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

Here you see how a box with a 4 pixel rgb(21, 233, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 233, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 233, 3);  
box-shadow:4px 4px 4px 4px rgb(21, 233, 3)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 76.4486, -64.9880, 45.9027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 233, 3) }
```

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

```
.background{ background-color: rgb(21, 233,  
3) }
```

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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