

Converting Colors

HunterLab(75.4021, -63.7670,
45.3461)

Have a look what the booklet for
HunterLab(75.4021, -63.7670,
45.3461) contains.

HunterLab(75.4021, -63.7670, 45.3461)	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(75.4021,
-63.7670, 45.3461)**

Conversions

Conversions Part 1

Format	Color
Hex	1DE600
RGB	29, 230, 0
RGB Percent	11%, 90%, 0%
CMY	0.8863, 0.0980, 0.9999
CMYK	0.87, 0.00, 1.00, 0.10
HSL	112°, 100%, 45%
HSV	112°, 100%, 90%
XYZ	28.8035, 56.8548, 9.4559
YIQ	143.6810, -45.9660, -114.1420

Conversions

Conversions Part 2

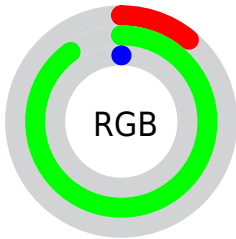
Format	Color
RYB	0, 230, 201
Decimal	1959424
CIELab	80.10, -78.37, 77.12
CIELCh	80, 109.949, 135.462
Yxy	56.8571, 0.3028, 0.5977
Android (android.graphics.Color)	4280149504 (0xFF1DE600)
YUV	143.6810, -70.8347, -100.5752
Hunter-Lab	75.4021, -63.7670, 45.3461

Details

The HunterLab color **75.4021, -63.7670, 45.3461** 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 **42.5867, 86.3426, -76.4763**, and the grayscale version is **52.9731, -2.8265, 2.8781**.

A 20% lighter version of the original color is **87.2525, -60.4515, 46.5792**, and **54.6691, -46.8788, 32.8662** is the 20% darker color. If you saturate the color by 10%, you get **75.4034, -63.7694, 45.3468**, and if you desaturate by 10%, it is **75.7056, -62.3999, 44.9209**.

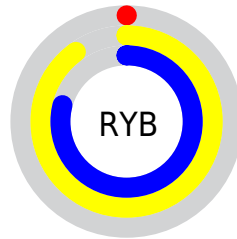
Distribution



Red (11%)

Green (90%)

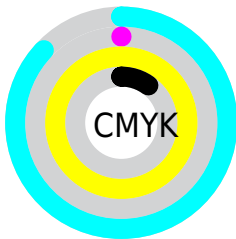
Blue (0%)



Red (0%)

Yellow (90%)

Blue (79%)

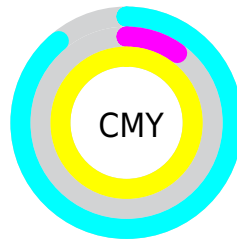


Cyan (87%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (89%)

Magenta (10%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.4021, -63.7670, 45.3461 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 75.4021, -63.7670, 45.3461 by changing the saturation by 10% instead.

■ 75.4021, -63.7670,
45.3461

■ 75.4021, -63.7670,
45.3461

203.2028,
-102.3496, 84.7341

■ 63.9457, -58.6537,
40.1819

■ 100.1283,
-73.3130, 55.0725

■ 53.1353, -53.2454,
34.7914

■ 113.3395,
-77.8146, 59.6765

■ 43.0137, -47.4724,
29.2171

■ 127.0856,
-82.1707, 64.1337

■ 33.6316, -41.2370,
23.5421

■ 141.3464,
-86.4010, 68.4610

■ 25.0526, -34.4022,
17.5368

■ 156.1040,
-90.5216, 72.6728

■ 17.3604, -28.3064,
12.1523

■ 171.3422,

■ 10.6722, -18.6763,

-94.5461, 76.7818

7.4705

187.0462,
-98.4856, 80.7991

■ 1.0478, -1.8337,
0.7335

0.0000, NaN, NaN

■ 75.4021, -63.7670,
45.3461

■ 75.4021, -63.7670,
45.3461

■ 75.4034, -63.7694,
45.3468

■ 75.7056, -62.3999,
44.9209

■ 76.2011, -60.1246,
43.8886

■ 76.9188, -56.8145,
42.0587

■ 77.8759, -52.4178,
39.3549

■ 79.0835, -46.9246,
35.7421

■ 80.5479, -40.3597,
31.2187

■ 82.2710, -32.7768,
25.8107

■ 84.2511, -24.2507,
19.5655

■ 86.4832, -14.8706,
12.5455

Harmonies

Analogous

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



75.4037, -29.3100, 50.5033



75.4021, -63.7670, 45.3461



75.4037, -79.4702, 24.6028

Triad

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



75.4037, -63.7680, 45.3463



75.4037, -27.9328, -162.8560



75.4037, 121.4168, 25.6390

Complementary

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



75.4021, -63.7670, 45.3461



42.5867, 86.3426, -76.4763

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.



75.4037, 122.0884, -24.4978



75.4021, -63.7670, 45.3461



75.4037, 25.0991, -161.7662

Square

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



75.4037, -63.7680, 45.3463



75.4037, -63.0010, -102.7933



75.4037, 83.1898, -100.4064



75.4037, 81.5502, 45.6579

Rectangle

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



75.4021, -63.7670, 45.3461



75.4037, -81.0006, -5.7152



75.4037, 83.1898, -100.4064



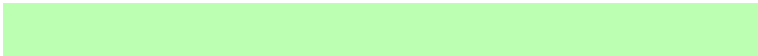
75.4037, 126.5363, 12.7586

Sweetspot

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



75.4037, -63.7680, 45.3463



92.4463, -37.0116, 29.1348



76.0444, -8.3499, 46.7114



42.3745, -18.8539, 14.7230

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.4037, -63.7680, 45.3463



84.7520, -71.7377, 50.9679



75.6582, -61.8297, 38.9078



40.2190, -6.6632, 5.6427



56.7594, -47.8736, 34.1368



15.5213, -12.6231, 9.3432

Inverse Universe

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



42.5867, 86.3426, -76.4763



47.8420, 97.0217, -86.0678



43.4623, 79.1786, -8.7524



38.1029, 2.6865, -1.5955



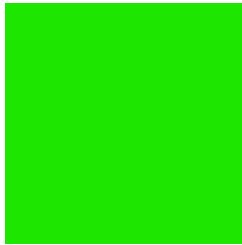
32.0996, 65.0476, -57.3661



8.8731, 17.8891, -15.1470

Previews

White Background



This preview shows how the HunterLab color 75.4021, -63.7670, 45.3461 looks on a white background.

Color Contrast Check

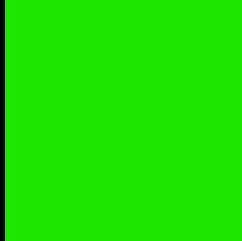
Large Text (above 18pt) WCAG AA × Fail

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 75.4021, -63.7670, 45.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

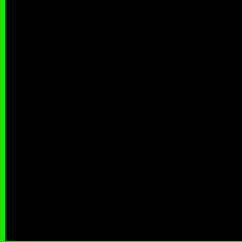
Any Text WCAG AA ✓ Pass

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 75.4021, -63.7670, 45.3461 Background



This preview shows how black text looks on a background with the HunterLab color 75.4021, -63.7670, 45.3461.



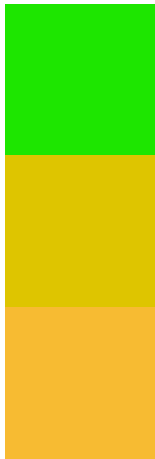
This preview shows how white text looks on a background with the HunterLab color 75.4021, -63.7670, 45.3461.

-63.7670, 45.3461.

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

75.4021, -63.7670, 45.3461

Protanopia

74.4729, -10.2685, 45.7101

Deuteranopia

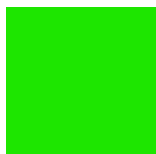
74.5286, 5.3837, 43.6178



Tritanopia

75.2143, -27.8540, -13.7359

Trichromacy



Original Color

75.4021, -63.7670, 45.3461



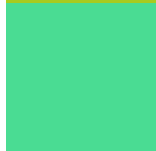
Protanomaly

72.3024, -38.2712, 43.8824



Deuteranomaly

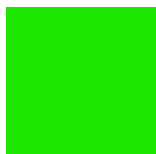
71.5129, -30.8840, 42.3923



Tritanomaly

73.9925, -48.2280, 22.6307

Monochromacy



Original Color

75.4021, -63.7670, 45.3461



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

58.5298, -33.0727, 25.2301

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.4021, -63.7670, 45.3461 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(29, 230, 0)` looks like.

```
.text, #text, p{  
    color:rgb(29, 230, 0)  
}
```

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(29, 230, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 230, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 75.4021, -63.7670, 45.3461 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(29, 230, 0) }
```


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

```
.border{ border-color:rgb(29, 230, 0) }
```

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

Here you see how a box with a 4 pixel rgb(29, 230, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 230, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 230, 0);  
box-shadow:4px 4px 4px 4px rgb(29, 230, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 75.4021, -63.7670, 45.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 230, 0) }
```

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

```
.background{ background-color: rgb(29, 230,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor