

# Converting Colors

HunterLab(75.2152, -61.9763,  
39.8725)

Have a look what the booklet for  
HunterLab(75.2152, -61.9763,  
39.8725) contains.

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# Color

**HunterLab(75.2152,  
-61.9763, 39.8725)**

# Conversions

Conversions Part 1	
Format	Color
Hex	02E54C
RGB	2, 229, 76
RGB Percent	1%, 90%, 30%
CMY	0.9921, 0.1019, 0.7019
CMYK	0.99, 0.00, 0.67, 0.10
HSL	140°, 98%, 45%
HSV	140°, 99%, 90%
XYZ	29.3488, 56.5733, 16.2103
YIQ	143.6850, -86.1790, -95.7070

# Conversions

## Conversions Part 2

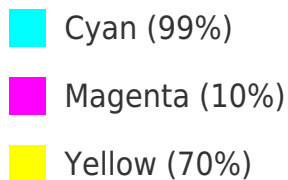
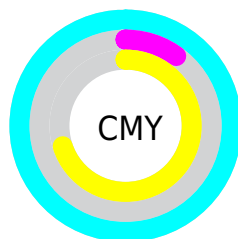
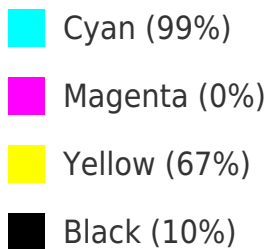
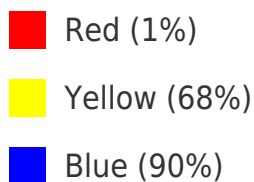
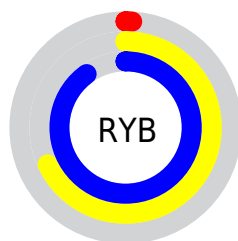
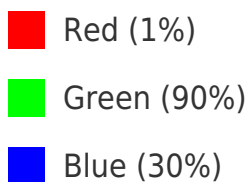
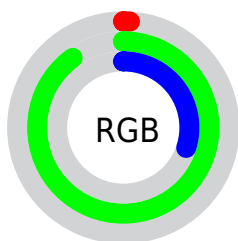
Format	Color
<a href="#">RYB</a>	<a href="#">2, 173, 229</a>
Decimal	<a href="#">189772</a>
CIELab	<a href="#">79.94, -75.58, 59.41</a>
CIELCh	<a href="#">80, 96.135, 141.830</a>
Yxy	<a href="#">56.5756, 0.2874, 0.5539</a>
Android (android.graphics.Color)	<a href="#">4278379852</a> (0xFF02E54C)
YUV	<a href="#">143.6850, -33.3687, -124.2577</a>
Hunter-Lab	<a href="#">75.2152, -61.9763, 39.8725</a>

# Details

The HunterLab color **75.2152, -61.9763, 39.8725** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **43.6679, 79.9461, -13.7988**, and the grayscale version is **52.8402, -2.8194, 2.8709**.

A 20% lighter version of the original color is **87.4492, -58.5556, 38.3023**, and **54.3327, -46.4895, 32.4463** is the 20% darker color. If you saturate the color by 10%, you get **75.1958, -62.0910, 40.0486**, and if you desaturate by 10%, it is **75.5044, -60.4383, 37.6170**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.2152, -61.9763, 39.8725 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 75.2152, -61.9763, 39.8725 by changing the saturation by 10% instead.





 75.2152, -61.9763,  
39.8725


 75.2152, -61.9763,  
39.8725


202.9426,  
-99.3492, 71.2203


 63.7688, -57.0353,  
35.7886


 99.9228, -71.2073,  
47.5544


 52.9690, -51.8119,  
31.5049


 113.1254,  
-75.5638, 51.1972


 42.8587, -46.2382,  
26.9901


 126.8631,  
-79.7817, 54.7322

 33.4888, -40.2191,  
22.2723

 141.1159,  
-83.8799, 58.1738

 24.9232, -33.6196,  
17.4462

 155.8657,  
-87.8739, 61.5340

 17.2459, -27.5601,  
12.0721

171.0964,

 10.5749, -18.5060,

-91.7766, 64.8230

7.4024

186.7932,  
-95.5987, 68.0493

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.2152, -61.9763,  
39.8725

■ 75.2152, -61.9763,  
39.8725

■ 75.1958, -62.0910,  
40.0486

■ 75.5044, -60.4383,  
37.6170


■ 75.9759, -58.0641,  
34.9714


■ 76.6695, -54.7122,  
31.9690


■ 77.6062, -50.3283,  
28.6436


■ 78.8000, -44.9011,

25.0361

 80.2589, -38.4554,  
21.1926

 81.9861, -31.0448,  
17.1622

 83.9803, -22.7445,  
12.9943

 86.2372, -13.6439,  
8.7364

# Harmonies

## Analogous

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



75.2167, -34.3332, 47.9099



75.2152, -61.9763, 39.8725



75.2167, -73.3955, 15.1593

# Triad

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



75.2167, -61.9772, 39.8728



75.2167, -16.2518, -137.1620



75.2167, 97.7098, 29.2624

# Complementary

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



75.2152, -61.9763, 39.8725



43.6679, 79.9461, -13.7988

# Split Complementary

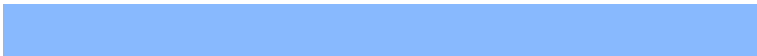
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2167, 105.9039, -8.9582



75.2152, -61.9763, 39.8725



75.2167, 32.0200, -124.5208

# Square

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



75.2167, -61.9772, 39.8728



75.2167, -51.4947, -97.5081



75.2167, 79.5178, -69.2678



75.2167, 59.2633, 44.8736



# Rectangle

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



75.2152, -61.9763, 39.8725



75.2167, -72.8085, -15.4120



75.2167, 79.5178, -69.2678



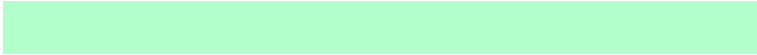
75.2167, 104.4135, 19.4647

# Sweetspot

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



75.2167, -61.9772, 39.8728



92.3997, -36.0016, 19.8757



79.5144, -44.9562, 48.1665



42.3546, -18.3366, 10.0955

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.2167, -61.9772, 39.8728



84.9391, -70.2020, 45.3795



77.2387, -49.5292, 10.4713



40.2073, -6.5137, 4.1434



56.8749, -46.8406, 30.0266



15.5144, -12.3991, 7.3744



# Inverse Universe

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



43.6679, 79.9461, -13.7988



49.2277, 90.3443, -15.0143



41.0867, 70.5258, 23.1672



38.1197, 2.5221, 0.1382



32.9967, 60.6404, -10.7123

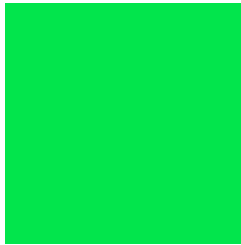


9.0635, 16.8197, -4.2068



# Previews

## White Background



This preview shows how the HunterLab color 75.2152, -61.9763, 39.8725 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

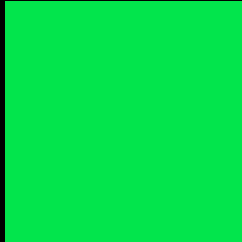
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.2152, -61.9763, 39.8725 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 75.2152, -61.9763, 39.8725 Background



This preview shows how black text looks on a background with the HunterLab color 75.2152, -61.9763, 39.8725.



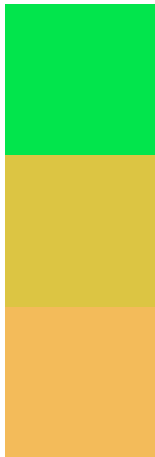
This preview shows how white text looks on a background with the HunterLab color 75.2152,

-61.9763, 39.8725.

# 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

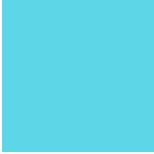
75.2152, -61.9763, 39.8725

### Protanopia

74.5342, -9.5066, 41.5370

### Deuteranopia

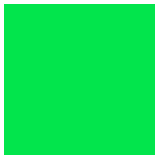
74.3865, 5.5897, 38.2247



## Tritanopia

74.9599, -28.8217, -14.1120

# Trichromacy



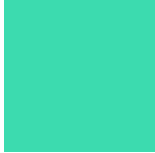
**Original Color**  
75.2152, -61.9763, 39.8725



**Protanomaly**  
71.9068, -39.2255, 38.8442

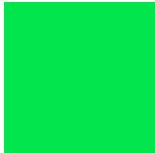


**Deuteranomaly**  
70.6155, -31.8751, 35.7390



**Tritanomaly**  
73.9722, -45.1559, 12.2833

# Monochromacy



**Original Color**  
75.2152, -61.9763, 39.8725



**Achromatopsia**  
52.8104, -2.8178, 2.8693



**Achromatomaly**  
58.5382, -32.0843, 17.8323

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.2152, -61.9763, 39.8725 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(2, 229, 76)` looks like.

```
.text, #text, p{  
    color:rgb(2, 229, 76)  
}
```

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(2, 229, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 229, 76) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.2152, -61.9763, 39.8725 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(2, 229, 76) }
```



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

```
.border{ border-color:rgb(2, 229, 76) }
```

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

Here you see how a box with a 4 pixel rgb(2, 229, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 229, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 229, 76);  
box-shadow:4px 4px 4px 4px rgb(2, 229, 76)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 75.2152, -61.9763, 39.8725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 229, 76) }
```

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

```
.background{ background-color: rgb(2, 229,  
76) }
```

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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