

# Converting Colors

HunterLab(75.5725, -55.4746,  
37.6594)

Have a look what the booklet for  
HunterLab(75.5725, -55.4746,  
37.6594) contains.

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# Color

**HunterLab(75.7451,  
-55.6694, 37.7736)**

# Conversions

Conversions Part 1	
Format	Color
Hex	4FE35C
RGB	79, 227, 92
RGB Percent	31%, 89%, 36%
CMY	0.6902, 0.1098, 0.6392
CMYK	0.65, 0.00, 0.59, 0.11
HSL	125°, 73%, 60%
HSV	125°, 65%, 89%
XYZ	32.6254, 57.3732, 19.4798
YIQ	167.3580, -44.8730, -73.3610

# Conversions

## Conversions Part 2

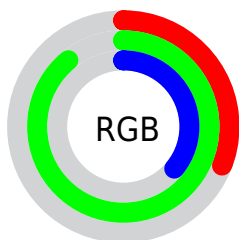
Format	Color
<a href="#">RYB</a>	<a href="#">79, 215, 227</a>
Decimal	<a href="#">5235548</a>
CIELab	<a href="#">80.39, -65.38, 53.49</a>
CIELCh	<a href="#">80, 84.478, 140.712</a>
Yxy	<a href="#">57.3756, 0.2980, 0.5241</a>
Android (android.graphics.Color)	<a href="#">4283425628</a> (0xFF4FE35C)
YUV	<a href="#">167.3580, -37.1515, -77.4900</a>
Hunter-Lab	<a href="#">75.7451, -55.6694, 37.7736</a>

# Details

The HunterLab color **75.7451, -55.6694, 37.7736** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **51.7483, 70.2295, -39.7746**, and the grayscale version is **62.4740, -3.3335, 3.3943**.

A 20% lighter version of the original color is **89.1766, -51.0728, 35.9758**, and **53.7429, -45.1973, 30.3940** is the 20% darker color. If you saturate the color by 10%, you get **74.9991, -59.2172, 40.4251**, and if you desaturate by 10%, it is **76.7682, -50.9162, 34.4130**.

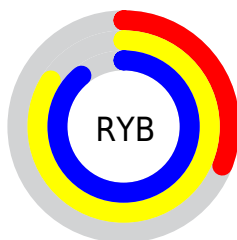
# Distribution



Red (31%)

Green (89%)

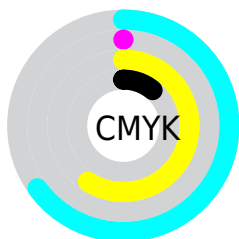
Blue (36%)



Red (31%)

Yellow (84%)

Blue (89%)

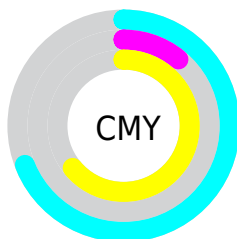


Cyan (65%)

Magenta (0%)

Yellow (59%)

Black (11%)



Cyan (69%)

Magenta (11%)


Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.7451, -55.6694, 37.7736 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 75.7451, -55.6694, 37.7736 by changing the saturation by 10% instead.




 75.7451, -55.6694,  
37.7736


 75.7451, -55.6694,  
37.7736


203.6799,  
-88.5678, 66.4250


 64.2704, -51.3761,  
34.0685


 100.5052,  
-63.7264, 44.7553


 53.4406, -46.8509,  
30.1832


 113.7324,  
-67.5448, 48.0739

 43.2983, -42.0368,  
26.0840


 127.4937,  
-71.2515, 51.2998

 33.8938, -36.8523,  
21.7344

 141.7692,  
-74.8619, 54.4461

 25.2904, -31.1784,  
17.7032

156.5410,  
-78.3890, 57.5235

 17.5709, -25.1678,  
12.2996


171.7930,

 10.8513, -18.9898,


-81.8434, 60.5409


7.5959


187.5104,  
-85.2338, 63.5059


 2.0789, -3.6380,  
1.4552


0.0000, NaN, NaN


 75.7451, -55.6694,  
37.7736


 75.7451, -55.6694,  
37.7736


 74.9991, -59.2172,  
40.4251


 76.7682, -50.9162,  
34.4130


 74.5045, -61.6097,  
42.3758


 78.0773, -44.9516,  
30.3584


 74.2321, -62.9621,  
43.6643


 79.6807, -37.8169,  
25.6487

 74.1558, -63.3464,  
44.0584

 81.5800, -29.5861,  
20.3395

 83.7718, -20.3577,  
14.4975

 86.2489, -10.2442,  
8.1953

 89.0013, 0.6359,  
1.5065

 91.3348, 9.7238,  
-4.9643

# Harmonies

## Analogous

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



75.7467, -29.8244, 45.9656



75.7451, -55.6694, 37.7736



75.7467, -66.9225, 15.1977

# Triad

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



75.7467, -55.6705, 37.7740



75.7467, -16.2865, -112.5612



75.7467, 84.1069, 26.0395

# Complementary

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



75.7451, -55.6694, 37.7736



51.7483, 70.2295, -39.7746

# 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.



75.7467, 89.8786, -8.9262



75.7451, -55.6694, 37.7736



75.7467, 25.7205, -104.0477

# Square

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



75.7467, -55.6705, 37.7740



75.7467, -47.5667, -79.2773



75.7467, 66.6752, -59.9251



75.7467, 52.2570, 42.1095



# Rectangle

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



75.7451, -55.6694, 37.7736



75.7467, -66.7060, -11.0888



75.7467, 66.6752, -59.9251



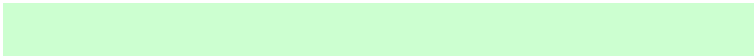
75.7467, 89.3910, 16.7157

# Sweetspot

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



75.7467, -55.6705, 37.7740



94.3054, -28.5528, 19.8980



83.6076, -25.0269, 45.8346



43.3085, -14.5694, 10.0684

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.7467, -55.6705, 37.7740



85.3536, -68.6065, 46.9452



77.0271, -47.8567, 19.1019



40.1368, -6.9078, 5.1532



56.6362, -48.3357, 33.5525



15.4191, -12.9945, 8.7789



# Inverse Universe

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



51.7483, 70.2295, -39.7746



54.9939, 92.0896, -51.3155



48.8231, 58.0929, 0.6565



38.1998, 2.9509, -0.9992



34.8741, 67.2866, -36.0970

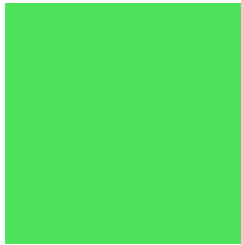


9.5141, 18.4098, -10.2594



# Previews

## White Background



This preview shows how the HunterLab color 75.7451, -55.6694, 37.7736 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

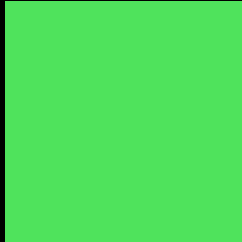
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.7451, -55.6694, 37.7736 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 75.7451, -55.6694, 37.7736 Background



This preview shows how black text looks on a background with the HunterLab color 75.7451, -55.6694, 37.7736.



This preview shows how white text looks on a background with the HunterLab color 75.7451,

-55.6694, 37.7736.

# 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

75.7451, -55.6694, 37.7736

### Protanopia

74.9856, -9.1772, 39.5744

### Deuteranopia


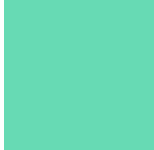
74.8334, 5.9422, 36.0494




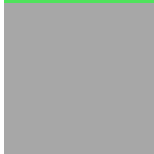

## Tritanopia

75.5081, -25.0987, -12.6951

# Trichromacy

	<b>Original Color</b> 75.7451, -55.6694, 37.7736
	<b>Protanomaly</b> 73.9647, -30.8729, 37.9789
	<b>Deuteranomaly</b> 72.9446, -22.6715, 34.9565
	<b>Tritanomaly</b> 75.0478, -38.8030, 11.4512

# Monochromacy

	<b>Original Color</b> 75.7451, -55.6694, 37.7736
	<b>Achromatopsia</b> 62.1634, -3.3169, 3.3775
	<b>Achromatomaly</b> 65.9087, -26.1753, 17.8350

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.7451, -55.6694, 37.7736 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(79, 227, 92)` looks like.

```
.text, #text, p{  
    color:rgb(79, 227, 92)  
}
```

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(79, 227, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 227, 92) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.7451, -55.6694, 37.7736 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(79, 227, 92) }
```



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

```
.border{ border-color:rgb(79, 227, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 227, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 227, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 227, 92);  
box-shadow:4px 4px 4px 4px rgb(79, 227,  
92) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.7451, -55.6694, 37.7736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 227, 92) }
```

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

```
.background{ background-color: rgb(79, 227,  
92) }
```

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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