

# Converting Colors

HunterLab(75.8310, -46.3981,  
41.8170)

Have a look what the booklet for  
HunterLab(75.8310, -46.3981,  
41.8170) contains.

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# Color

**HunterLab(75.8639,  
-46.5279, 41.7824)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84DE43
RGB	132, 222, 67
RGB Percent	52%, 87%, 26%
CMY	0.4824, 0.1294, 0.7372
CMYK	0.41, 0.00, 0.70, 0.13
HSL	95°, 70%, 57%
HSV	95°, 70%, 87%
XYZ	36.6501, 57.5533, 14.4874
YIQ	177.4200, -3.8850, -67.2850

# Conversions

## Conversions Part 2

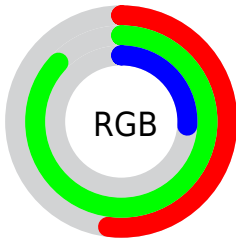
Format	Color
<a href="#">RYB</a>	<a href="#">67, 222, 157</a>
Decimal	<a href="#">8707651</a>
CIELab	<a href="#">80.49, -51.98, 64.26</a>
CIELCh	<a href="#">80, 82.648, 128.969</a>
Yxy	<a href="#">57.5558, 0.3372, 0.5295</a>
Android (android.graphics.Color)	<a href="#">4286897731 (0xFF84DE43)</a>
YUV	<a href="#">177.4200, -54.4371, -39.8333</a>
Hunter-Lab	<a href="#">75.8639, -46.5279, 41.7824</a>

# Details

The HunterLab color **75.8639, -46.5279, 41.7824** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **40.5687, 57.0408, -75.0063**, and the grayscale version is **66.7039, -3.5592, 3.6241**.

A 20% lighter version of the original color is **91.5954, -42.2532, 43.5712**, and **53.5620, -39.1329, 32.3196** is the 20% darker color. If you saturate the color by 10%, you get **75.0750, -50.0308, 43.4399**, and if you desaturate by 10%, it is **76.7981, -42.3737, 39.2493**.

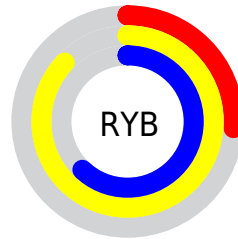
# Distribution



Red (52%)

Green (87%)

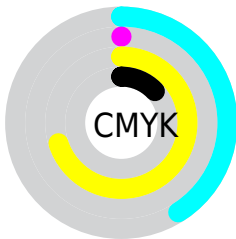
Blue (26%)



Red (26%)

Yellow (87%)

Blue (62%)

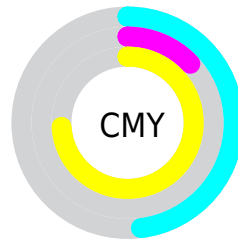


Cyan (41%)

Magenta (0%)

Yellow (70%)

Black (13%)



Cyan (48%)

Magenta (13%)


Yellow (74%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.8639, -46.5279, 41.7824 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 75.8639, -46.5279, 41.7824 by changing the saturation by 10% instead.





 75.8639, -46.5279,  
41.7824


 75.8639, -46.5279,  
41.7824


203.8452,  
-73.7312, 75.2757


 64.3829, -43.0529,  
37.4074


 100.6358,  
-53.0985, 50.0114


 53.5464, -39.4081,  
32.8222


 113.8685,  
-56.2337, 53.9106

 43.3970, -35.5509,  
27.9998


 127.6351,  
-59.2900, 57.6914

 33.9848, -31.4179,  
23.1118

 141.9157,  
-62.2792, 61.3690

 25.3728, -26.9147,  
17.7610

 156.6924,  
-65.2107, 64.9561

 17.6439, -21.8922,  
12.3507

171.9491,

 10.9135, -19.0987,

-68.0924, 68.4637

7.6395

187.6712,  
-70.9307, 71.9009

■ 2.3319, -4.0808,  
1.6323

0.0000, NaN, NaN

■ 75.8639, -46.5279,  
41.7824

■ 75.8639, -46.5279,  
41.7824

■ 75.0750, -50.0308,  
43.4399

■ 76.7981, -42.3737,  
39.2493

■ 74.4196, -52.8977,  
44.3016

■ 77.8773, -37.5614,  
35.7911

■ 73.8851, -55.1981,  
44.5520

■ 79.1054, -32.1049,  
31.3854

■ 73.8762, -55.2364,  
44.5552

■ 80.4832, -26.0272,  
26.0306

■ 82.0102, -19.3604,  
19.7419

■ 83.6845, -12.1425,  
12.5485

■ 85.5033, -4.4156,  
4.4897

■ 87.4631, 3.7759,  
-4.3874

■ 89.1209, 10.0616,  
-7.8482

# Harmonies

## Analogous

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



75.8655, -15.6480, 46.6365



75.8639, -46.5279, 41.7824



75.8655, -63.2100, 25.9320

# Triad

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



75.8655, -46.5294, 41.7828



75.8655, -29.6719, -100.4767



75.8655, 87.5926, 14.6508

# Complementary

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



75.8639, -46.5279, 41.7824



40.5687, 57.0408, -75.0063

# 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.



75.8655, 81.6743, -27.0132



75.8639, -46.5279, 41.7824



75.8655, 8.2851, -109.1395

# Square

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



75.8655, -46.5294, 41.7828



75.8655, -54.9677, -57.6121



75.8655, 50.4870, -77.3637



75.8655, 65.2978, 37.1864



# Rectangle

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



75.8639, -46.5279, 41.7824



75.8655, -66.5383, 5.4310



75.8655, 50.4870, -77.3637



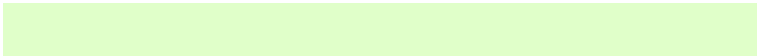
75.8655, 88.9202, 2.8046

# Sweetspot

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



75.8655, -46.5294, 41.7828



95.7028, -23.7393, 24.1501



62.7092, 12.1826, 33.8330



44.0414, -12.0066, 12.1517

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.8655, -46.5294, 41.7828



87.4492, -60.2481, 51.4211



73.4704, -56.1992, 38.5716



39.5179, -5.5996, 5.7884



56.9896, -42.3426, 34.3755



15.1755, -10.4378, 9.1683



# Inverse Universe

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



40.5687, 57.0408, -75.0063



41.0010, 77.9702, -110.1790



49.2769, 73.0610, -43.0396



36.9248, 1.6610, -1.9260



24.4281, 54.6573, -83.6198



6.8257, 14.8703, -20.2483



# Previews

## White Background



This preview shows how the HunterLab color 75.8639, -46.5279, 41.7824 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 75.8639, -46.5279, 41.7824 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

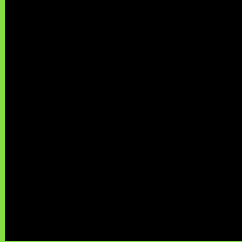
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

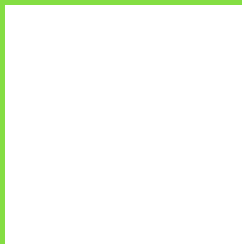
Any Text WCAG AAA ✓ Pass

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

# HunterLab 75.8639, -46.5279, 41.7824 Background



This preview shows how black text looks on a background with the HunterLab color 75.8639, -46.5279, 41.7824.



This preview shows how white text looks on a background with the HunterLab color 75.8639, -46.5279, 41.7824.

-46.5279, 41.7824.

# 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

75.8639, -46.5279, 41.7824

### Protanopia

75.3083, -9.9821, 42.7540

### Deuteranopia

75.3219, 5.5578, 40.6876



## Tritanopia

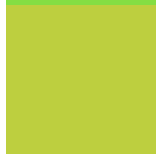
75.5483, -15.3071, -9.0601

# Trichromacy



## Original Color

75.8639, -46.5279, 41.7824



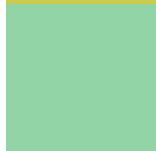
## Protanomaly

74.7016, -25.1206, 41.8586



## Deuteranomaly

74.3374, -16.4325, 40.2095



## Tritanomaly

74.8866, -29.6264, 16.6811

# Monochromacy



## Original Color

75.8639, -46.5279, 41.7824



## Achromatopsia

66.3066, -3.5380, 3.6026



## Achromatomaly

68.9370, -21.5122, 21.7471

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.8639, -46.5279, 41.7824 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(132, 222, 67)` looks like.

```
.text, #text, p{  
    color:rgb(132, 222, 67)  
}
```

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(132, 222, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 222, 67) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.8639, -46.5279, 41.7824 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(132, 222, 67) }
```



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

```
.border{ border-color:rgb(132, 222, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 222, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 222, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 222, 67);  
box-shadow:4px 4px 4px 4px rgb(132, 222,  
67) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.8639, -46.5279, 41.7824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 222, 67) }
```

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

```
.background{ background-color: rgb(132,  
222, 67) }
```

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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