

Converting Colors

HunterLab(80.6697, -40.1923,
47.5292)

Have a look what the booklet for
HunterLab(80.6697, -40.1923,
47.5292) contains.

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Color

**HunterLab(80.6697,
-40.1923, 47.5292)**

Conversions

Conversions Part 1	
Format	Color
Hex	ADE528
RGB	173, 229, 40
RGB Percent	68%, 90%, 16%
CMY	0.3216, 0.1019, 0.8431
CMYK	0.24, 0.00, 0.83, 0.10
HSL	78°, 78%, 53%
HSV	78°, 83%, 90%
XYZ	45.6359, 65.0760, 12.1632
YIQ	190.7100, 27.2930, -70.6510

Conversions

Conversions Part 2

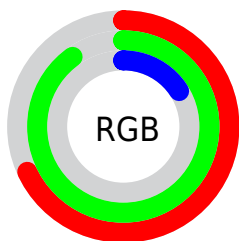
Format	Color
RYB	40, 229, 96
Decimal	11396392
CIELab	84.52, -41.77, 76.99
CIELCh	85, 87.591, 118.478
Yxy	65.0789, 0.3714, 0.5296
Android (android.graphics.Color)	4289586472 (0xFFADE528)
YUV	190.7100, -74.3000, -15.5317
Hunter-Lab	80.6697, -40.1923, 47.5292

Details

The HunterLab color **80.6697, -40.1923, 47.5292** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **31.0860, 58.8821, -121.2064**, and the grayscale version is **72.3550, -3.8607, 3.9312**.

A 20% lighter version of the original color is **94.6970, -30.8748, 49.6115**, and **57.9068, -33.4785, 35.0958** is the 20% darker color. If you saturate the color by 10%, you get **80.1326, -42.4570, 48.2383**, and if you desaturate by 10%, it is **81.2877, -37.5354, 46.0115**.

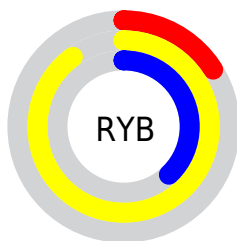
Distribution



Red (68%)

Green (90%)

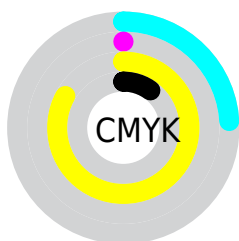
Blue (16%)



Red (16%)

Yellow (90%)

Blue (38%)

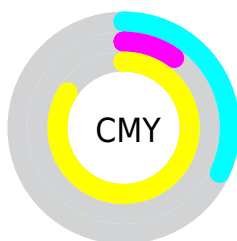


Cyan (24%)

Magenta (0%)

Yellow (83%)

Black (10%)



Cyan (32%)


Magenta (10%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.6697, -40.1923, 47.5292 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 80.6697, -40.1923, 47.5292 by changing the saturation by 10% instead.


 80.6697, -40.1923,
47.5292


 80.6697, -40.1923,
47.5292


210.4936,
-63.0057, 86.3614


 68.9384, -37.3632,
42.4671


 105.9072,
-45.6026, 57.0807


 57.8368, -34.4203,
37.1857


 119.3577,
-48.2086, 61.6110

 47.4048, -31.3362,
31.6730


 133.3339,
-50.7635, 66.0024

 37.6885, -28.0691,
26.3819

 147.8166,
-53.2751, 70.2708

 28.7451, -24.5569,
20.1216

 162.7888,
-55.7502, 74.4297

 20.6485, -20.7023,
14.4539


 178.2349,

 13.4984, -16.8950,


-58.1941, 78.4912


9.4489


194.1408,
-60.6113, 82.4654


 7.0773, -12.3852,
4.9541


0.0000, NaN, NaN


 80.6697, -40.1923,
47.5292


 80.6697, -40.1923,
47.5292


 80.1326, -42.4570,
48.2383


 81.2877, -37.5354,
46.0115


 79.7705, -43.9437,
48.3849


 81.9885, -34.4452,
43.5800


 82.7792, -30.9027,
40.1627


 83.6636, -26.8965,
35.7105

 84.6446, -22.4235,
30.1935

 85.7239, -17.4873,
23.5981

 86.9026, -12.0967,
15.9247

 88.1809, -6.2655,
7.1856

 89.5587, -0.0109,
-2.5969

Harmonies

Analogous

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



80.6715, -2.0927, 50.1612



80.6697, -40.1923, 47.5292



80.6715, -63.5717, 35.7256

Triad

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



80.6715, -40.1944, 47.5296



80.6715, -43.2796, -96.0768



80.6715, 96.5617, 2.2662

Complementary

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



80.6697, -40.1923, 47.5292



31.0860, 58.8821, -121.2064

Split Complementary

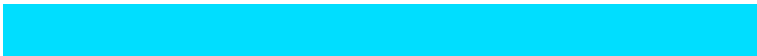
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6715, 79.3396, -48.7580



80.6697, -40.1923, 47.5292



80.6715, -6.5011, -121.1302

Square

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



80.6715, -40.1944, 47.5296



80.6715, -65.0719, -43.0597



80.6715, 39.2068, -100.4096



80.6715, 82.3827, 33.6967

Rectangle

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



80.6697, -40.1923, 47.5292



80.6715, -70.5931, 18.6238



80.6715, 39.2068, -100.4096



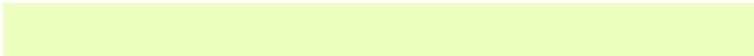
80.6715, 94.1951, -13.0254

Sweetspot

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



80.6715, -40.1944, 47.5296



96.5112, -21.2660, 28.7281



49.7386, 44.5268, 29.0341



44.4500, -10.7557, 14.5215

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.6715, -40.1944, 47.5296



90.1397, -49.5419, 54.6282



76.1198, -58.6537, 44.3135



40.7327, -4.8307, 6.2312



60.3703, -33.0124, 36.6220



16.5550, -8.4049, 10.0540

Inverse Universe

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



31.0860, 58.8821, -121.2064



29.7794, 74.7646, -168.7025



42.2779, 76.5539, -76.5708



37.5407, 0.7870, -2.3514



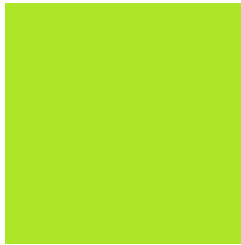
19.9713, 50.3966, -112.6368



5.8440, 14.0979, -27.9272

Previews

White Background



This preview shows how the HunterLab color 80.6697, -40.1923, 47.5292 looks on a white background.

Color Contrast Check

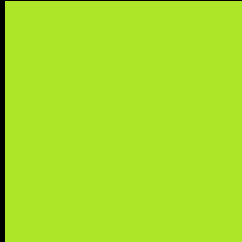
Large Text (above 18pt) WCAG AA × Fail

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 80.6697, -40.1923, 47.5292 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 80.6697, -40.1923, 47.5292 Background



This preview shows how black text looks on a background with the HunterLab color 80.6697, -40.1923, 47.5292.



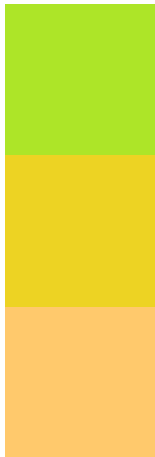
This preview shows how white text looks on a background with the HunterLab color 80.6697,

-40.1923, 47.5292.

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

80.6697, -40.1923, 47.5292

Protanopia

80.4453, -10.9232, 48.2068

Deuteranopia

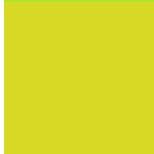
80.0725, 4.4018, 38.9123




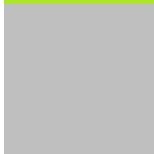

Tritanopia

80.3985, -7.3315, -5.7950

Trichromacy

	Original Color 80.6697, -40.1923, 47.5292
	Protanomaly 80.3570, -22.5899, 47.8287
	Deuteranomaly 79.5114, -13.6360, 42.6535
	Tritanomaly 79.7968, -23.2922, 23.7096

Monochromacy

	Original Color 80.6697, -40.1923, 47.5292
	Achromatopsia 72.1800, -3.8513, 3.9217
	Achromatomaly 74.5859, -20.3360, 27.0877

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.6697, -40.1923, 47.5292 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(173, 229, 40)` looks like.

```
.text, #text, p{  
    color:rgb(173, 229, 40)  
}
```

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(173, 229, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 229, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 80.6697, -40.1923, 47.5292 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(173, 229, 40) }
```


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

```
.border{ border-color:rgb(173, 229, 40) }
```

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

Here you see how a box with a 4 pixel rgb(173, 229, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 229, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 229, 40);  
box-shadow:4px 4px 4px 4px rgb(173, 229,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.6697, -40.1923, 47.5292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 229, 40) }
```

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

```
.background{ background-color: rgb(173,  
229, 40) }
```

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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