

Converting Colors

HunterLab(77.6459, -39.8879,
46.6763)

Have a look what the booklet for
HunterLab(77.6459, -39.8879,
46.6763) contains.

HunterLab(77.6459, -39.8879, 46.6763)	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(77.6459,
-39.8879, 46.6763)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DE13
RGB	165, 222, 19
RGB Percent	65%, 87%, 7%
CMY	0.3529, 0.1294, 0.9254
CMYK	0.26, 0.00, 0.91, 0.13
HSL	77°, 84%, 47%
HSV	77°, 91%, 87%
XYZ	41.7558, 60.2889, 10.0522
YIQ	181.8150, 31.1910, -75.2170

Conversions

Conversions Part 2

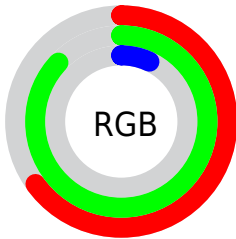
Format	Color
RYB	19, 222, 76
Decimal	10870291
CIELab	82.00, -42.30, 78.56
CIELCh	82, 89.225, 118.296
Yxy	60.2915, 0.3725, 0.5378
Android (android.graphics.Color)	4289060371 (0xFFA5DE13)
YUV	181.8150, -80.2678, -14.7468
Hunter-Lab	77.6459, -39.8879, 46.6763

Details

The HunterLab color $77.6459, -39.8879, 46.6763$ 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 $26.9778, 61.3070, -134.1898$, and the grayscale version is $68.6354, -3.6622, 3.7291$.

A 20% lighter version of the original color is $93.8923, -34.1303, 50.7190$, and $55.4646, -33.0771, 33.5980$ is the 20% darker color. If you saturate the color by 10%, you get $77.2552, -41.5011, 46.8777$, and if you desaturate by 10%, it is $78.1608, -37.7297, 45.8952$.

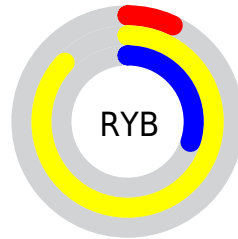
Distribution



Red (65%)

Green (87%)

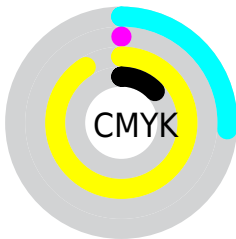
Blue (7%)



Red (7%)

Yellow (87%)

Blue (30%)

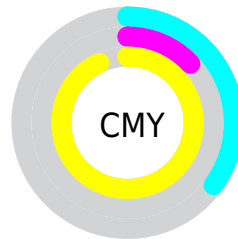


Cyan (26%)

Magenta (0%)

Yellow (91%)

Black (13%)



Cyan (35%)

Magenta (13%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.6459, -39.8879, 46.6763 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 77.6459, -39.8879, 46.6763 by changing the saturation by 10% instead.

■ 77.6459, -39.8879,
46.6763

■ 77.6459, -39.8879,
46.6763

206.3181,
-63.0195, 86.5022

■ 66.0709, -37.0022,
41.4681

■ 102.5926,
-45.3923, 56.4969

■ 55.1347, -33.9940,
36.0359

■ 115.9070,
-48.0385, 61.1497

■ 44.8789, -30.8326,
30.3913

■ 129.7522,
-50.6300, 65.6563

■ 35.3520, -27.4713,
24.7464

■ 144.1085,
-53.1754, 70.0331

■ 26.6150, -23.8401,
18.6305

■ 158.9585,
-55.6818, 74.2944

■ 18.7468, -19.8268,
13.1227

■ 174.2862,

■ 11.8568, -17.2899,

-58.1548, 78.4527

8.2997

190.0771,
-60.5994, 82.5188

■ 4.7012, -8.2271,
3.2908

0.0000, NaN, NaN

■ 77.6459, -39.8879,
46.6763

■ 77.6459, -39.8879,
46.6763

■ 77.2552, -41.5011,
46.8777

■ 78.1608, -37.7297,
45.8952

■ 78.7471, -35.1916,
44.3204

■ 79.4133, -32.2436,
41.8563

■ 80.1644, -28.8658,
38.4355

■ 81.0039, -25.0475,
34.0125

■ 81.9347, -20.7853,
28.5592

■ 82.9583, -16.0823,
22.0630

■ 84.0759, -10.9465,
14.5245

■ 85.2877, -5.3904,
5.9553

Harmonies

Analogous

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



77.6476, -1.6497, 49.0774



77.6459, -39.8879, 46.6763



77.6476, -63.1721, 35.4498

Triad

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



77.6476, -39.8899, 46.6767



77.6476, -43.3290, -98.2379



77.6476, 98.1560, 1.8283

Complementary

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



77.6459, -39.8879, 46.6763



26.9778, 61.3070, -134.1898

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.



77.6476, 80.4056, -50.1610



77.6459, -39.8879, 46.6763



77.6476, -6.6136, -124.4245

Square

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



77.6476, -39.8899, 46.6767



77.6476, -64.8293, -43.6279



77.6476, 39.5204, -103.2509



77.6476, 83.8782, 33.2340

Rectangle

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



77.6459, -39.8879, 46.6763



77.6476, -70.1504, 18.6716



77.6476, 39.5204, -103.2509



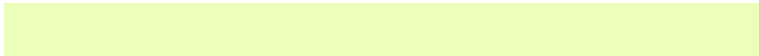
77.6476, 95.6731, -13.6698

Sweetspot

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



77.6476, -39.8899, 46.6767



96.3572, -22.0572, 30.3532



45.1243, 50.1308, 27.8724



44.3929, -11.0603, 15.2041

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.6476, -39.8899, 46.6767



90.3520, -48.7055, 54.8218



73.1190, -58.3518, 43.5338



39.7820, -4.6609, 6.0902



59.5883, -31.7896, 36.1615



15.8288, -7.8158, 9.6168

Inverse Universe

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



26.9778, 61.3070, -134.1898



29.2965, 74.8150, -172.1038



38.4878, 76.5004, -81.4091



36.6452, 0.7125, -2.3034



19.4830, 49.4435, -112.0458



5.5442, 13.4109, -26.7761

Previews

White Background



This preview shows how the HunterLab color 77.6459, -39.8879, 46.6763 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 77.6459, -39.8879, 46.6763 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 77.6459, -39.8879, 46.6763 Background



This preview shows how black text looks on a background with the HunterLab color 77.6459, -39.8879, 46.6763.



This preview shows how white text looks on a background with the HunterLab color 77.6459, -39.8879, 46.6763.

-39.8879, 46.6763.

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

77.6459, -39.8879, 46.6763

Protanopia

77.3687, -10.9383, 47.3287

Deuteranopia

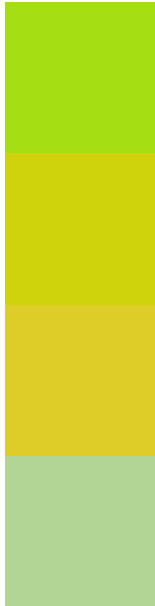
77.2379, 5.6975, 45.1079



Tritanopia

77.3205, -7.4202, -6.0178

Trichromacy



Original Color

77.6459, -39.8879, 46.6763

Protanomaly

77.2881, -22.5295, 46.9873

Deuteranomaly

76.7303, -13.0360, 45.4316

Tritanomaly

76.6302, -23.8575, 24.8018

Monochromacy



Original Color

77.6459, -39.8879, 46.6763

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

71.1285, -20.4647, 27.8508

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.6459, -39.8879, 46.6763 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(165, 222, 19)` looks like.

```
.text, #text, p{  
    color:rgb(165, 222, 19)  
}
```

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(165, 222, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 222, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 77.6459, -39.8879, 46.6763 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(165, 222, 19) }
```


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

```
.border{ border-color:rgb(165, 222, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 222, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 222, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 222, 19);  
box-shadow:4px 4px 4px 4px rgb(165, 222,  
19) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.6459, -39.8879, 46.6763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 222, 19) }
```

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

```
.background{ background-color: rgb(165,  
222, 19) }
```

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