

Converting Colors

HunterLab(79.7643, -48.7226,
46.9774)

Have a look what the booklet for
HunterLab(79.7643, -48.7226,
46.9774) contains.

HunterLab(79.8599, -48.8013, 47.0555)	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(79.8599,
-48.8013, 47.0555)**

Conversions

Conversions Part 1

Format	Color
Hex	90E825
RGB	144, 232, 37
RGB Percent	56%, 91%, 15%
CMY	0.4353, 0.0902, 0.8549
CMYK	0.38, 0.00, 0.84, 0.09
HSL	87°, 81%, 53%
HSV	87°, 84%, 91%
XYZ	40.6921, 63.7760, 11.9156
YIQ	183.4580, 10.1470, -79.3010

Conversions

Conversions Part 2

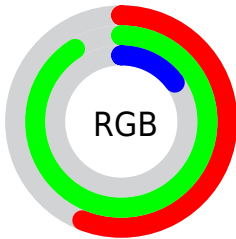
Format	Color
RYB	37, 232, 125
Decimal	9496613
CIELab	83.85, -53.54, 76.49
CIELCh	84, 93.366, 124.992
Yxy	63.7788, 0.3496, 0.5480
Android (android.graphics.Color)	4287686693 (0xFF90E825)
YUV	183.4580, -72.2038, -34.6047
Hunter-Lab	79.8599, -48.8013, 47.0555

Details

The HunterLab color $79.8599, -48.8013, 47.0555$ is a dark color, and the websafe version is hex $99FF33$. The color can be described as middle washed chartreuse. A complement of this color would be $33.9287, 65.2482, -111.3675$, and the grayscale version is $69.2975, -3.6975, 3.7651$.

A 20% lighter version of the original color is $92.3670, -39.7781, 48.1509$, and $57.3894, -40.7708, 34.6493$ is the 20% darker color. If you saturate the color by 10%, you get $79.2318, -51.4861, 47.6150$, and if you desaturate by 10%, it is $80.5982, -45.6041, 45.6994$.

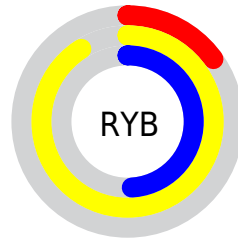
Distribution



Red (56%)

Green (91%)

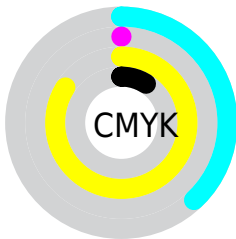
Blue (15%)



Red (15%)

Yellow (91%)

Blue (49%)

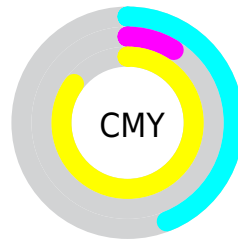


Cyan (38%)

Magenta (0%)

Yellow (84%)

Black (9%)



Cyan (44%)

Magenta (9%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.8599, -48.8013, 47.0555 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 79.8599, -48.8013, 47.0555 by changing the saturation by 10% instead.

■ 79.8599, -48.8013,
47.0555

■ 79.8599, -48.8013,
47.0555

209.3778,
-76.4476, 85.7353

■ 68.1700, -45.2835,
42.0089

■ 105.0202,
-55.4664, 56.5740

■ 57.1123, -41.6010,
36.7422

■ 118.4345,
-58.6509, 61.0873

■ 46.7269, -37.7144,
31.2434

■ 132.3759,
-61.7572, 65.4615

■ 37.0608, -33.5660,
25.9425

■ 146.8251,
-64.7965, 69.7126

■ 28.1720, -29.0708,
19.7204

■ 161.7648,
-67.7782, 73.8544

■ 20.1355, -24.0980,
14.0949

■ 177.1794,

■ 13.0539, -20.7887,

-70.7098, 77.8988

9.1377

193.0547,
-73.5978, 81.8561

■ 6.5289, -11.4257,
4.5703

0.0000, NaN, NaN

■ 79.8599, -48.8013,
47.0555

■ 79.8599, -48.8013,
47.0555

■ 79.2318, -51.4861,
47.6150

■ 80.5982, -45.6041,
45.6994

■ 78.8991, -52.8847,
47.6914

■ 81.4493, -41.8564,
43.4378

■ 82.4203, -37.5445,
40.2001

■ 83.5147, -32.6661,
35.9429

■ 84.7347, -27.2290,
30.6450

■ 86.0809, -21.2492,
24.3033

■ 87.5533, -14.7493,
16.9302

■ 89.1509, -7.7565,
8.5506

■ 90.8718, -0.3016,
-0.8008

Harmonies

Analogous

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



79.8616, -11.7950, 50.8940



79.8599, -48.8013, 47.0555



79.8616, -69.4966, 32.2988

Triad

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



79.8616, -48.8030, 47.0559



79.8616, -38.2282, -115.1543



79.8616, 103.9303, 11.3075

Complementary

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



79.8599, -48.8013, 47.0555



33.9287, 65.2482, -111.3675

Split Complementary

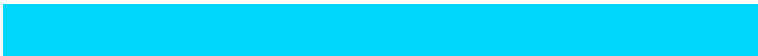
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8616, 92.3865, -39.8644



79.8599, -48.8013, 47.0555



79.8616, 3.5537, -132.4950

Square

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



79.8616, -48.8030, 47.0559



79.8616, -64.4264, -60.2680



79.8616, 52.8537, -99.4245



79.8616, 81.5717, 39.0408

Rectangle

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



79.8599, -48.8013, 47.0555



79.8616, -74.4919, 11.3280



79.8616, 52.8537, -99.4245



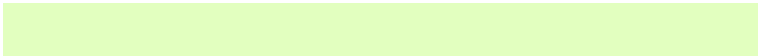
79.8616, 103.9272, -3.3271

Sweetspot

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



79.8616, -48.8030, 47.0559



95.6547, -24.4029, 27.8736



56.4769, 30.4885, 33.4961



44.0044, -12.3984, 14.0898

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.8616, -48.8030, 47.0559



87.7997, -58.9904, 53.0690



76.4515, -62.9205, 44.6494



40.5917, -5.3313, 6.0703



58.8501, -39.1391, 35.5780



16.1687, -9.9445, 9.7890

Inverse Universe

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



33.9287, 65.2482, -111.3675



32.9709, 78.3611, -148.4403



47.6657, 86.7144, -64.0769



37.6882, 1.2881, -2.1519



22.2811, 52.6734, -98.1297



6.4914, 14.7987, -24.3472

Previews

White Background



This preview shows how the HunterLab color 79.8599, -48.8013, 47.0555 looks on a white background.

Color Contrast Check

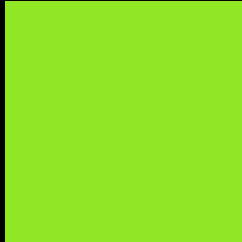
Large Text (above 18pt) WCAG AA × Fail

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 79.8599, -48.8013, 47.0555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

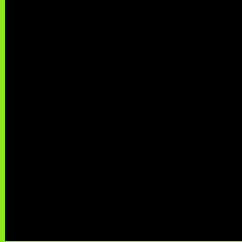
Any Text WCAG AA ✓ Pass

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 79.8599, -48.8013, 47.0555 Background



This preview shows how black text looks on a background with the HunterLab color 79.8599, -48.8013, 47.0555.



This preview shows how white text looks on a background with the HunterLab color 79.8599, -48.8013, 47.0555.

-48.8013, 47.0555.

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

79.8599, -48.8013, 47.0555

Protanopia

79.1820, -10.7003, 47.6845

Deuteranopia

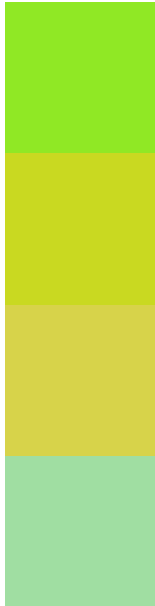
79.3304, 4.5674, 40.8715



Tritanopia

79.6429, -14.7030, -8.5719

Trichromacy



Original Color

79.8599, -48.8013, 47.0555

Protanomaly

78.8372, -26.6256, 47.0309

Deuteranomaly

78.4411, -17.6789, 43.1287

Tritanomaly

78.9460, -31.5701, 22.4218

Monochromacy



Original Color

79.8599, -48.8013, 47.0555

Achromatopsia

68.8136, -3.6717, 3.7388

Achromatomaly

71.9861, -23.6207, 26.5496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.8599, -48.8013, 47.0555 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(144, 232, 37)` looks like.

```
.text, #text, p{  
    color:rgb(144, 232, 37)  
}
```

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(144, 232, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 232, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 79.8599, -48.8013, 47.0555 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(144, 232, 37) }
```


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

```
.border{ border-color:rgb(144, 232, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 232, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 232, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 232, 37);  
box-shadow:4px 4px 4px 4px rgb(144, 232,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.8599, -48.8013, 47.0555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 232, 37) }
```

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

```
.background{ background-color: rgb(144,  
232, 37) }
```

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