

# Converting Colors

HunterLab(79.1960, -47.1276,  
47.9751)

Have a look what the booklet for  
HunterLab(79.1960, -47.1276,  
47.9751) contains.

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# Color

**HunterLab(79.3619,  
-47.3611, 48.0733)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95E600
RGB	149, 230, 0
RGB Percent	58%, 90%, 0%
CMY	0.4157, 0.0980, 0.9999
CMYK	0.35, 0.00, 1.00, 0.10
HSL	81°, 100%, 45%
HSV	81°, 100%, 90%
XYZ	40.6912, 62.9831, 10.0123
YIQ	179.5610, 25.5540, -88.7020

# Conversions

## Conversions Part 2

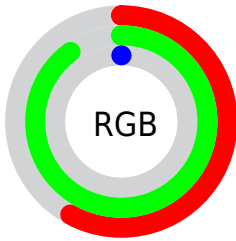
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 230, 81
Decimal	9823744
CIELab	83.43, -51.75, 81.16
CIELCh	83, 96.260, 122.524
Yxy	62.9859, 0.3579, 0.5540
Android (android.graphics.Color)	4288013824 (0xFF95E600)
YUV	179.5610, -88.5236, -26.8020
Hunter-Lab	79.3619, -47.3611, 48.0733

# Details

The HunterLab color **79.3619, -47.3611, 48.0733** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **27.3223, 67.6945, -144.4410**, and the grayscale version is **67.7279, -3.6138, 3.6798**.

A 20% lighter version of the original color is **92.6174, -39.0891, 50.4758**, and **56.9174, -39.2168, 34.3857** is the 20% darker color. If you saturate the color by 10%, you get **79.3629, -47.3658, 48.0739**, and if you desaturate by 10%, it is **79.8978, -45.1454, 47.8395**.

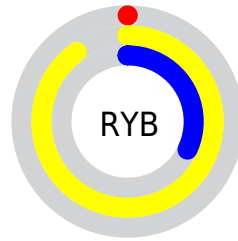
# Distribution



Red (58%)

Green (90%)

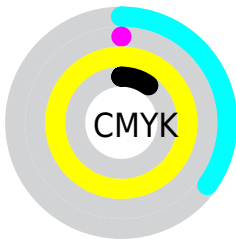
Blue (0%)



Red (0%)

Yellow (90%)

Blue (32%)

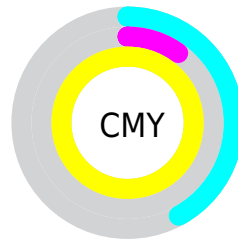


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (42%)

Magenta (10%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.3619, -47.3611, 48.0733 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 79.3619, -47.3611, 48.0733 by changing the saturation by 10% instead.




 79.3619, -47.3611,  
48.0733

 79.3619, -47.3611,  
48.0733


208.6907,  
-74.2940, 88.9052


 67.6977, -43.9424,  
42.7446


 104.4745,  
-53.8437, 58.1332

 56.6670, -40.3652,  
37.1936


 117.8665,  
-56.9432, 62.9031


 46.3106, -36.5913,  
31.4359


 131.7864,  
-59.9681, 67.5245

 36.6755, -32.5644,  
25.6728

 146.2148,  
-62.9294, 72.0134

 27.8204, -28.2012,  
19.4743

 161.1344,  
-65.8358, 76.3843

 19.8214, -23.3726,  
13.8750

 176.5296,

 12.7823, -20.2707,

-68.6947, 80.6495

8.9476

192.3860,  
-71.5124, 84.8200

■ 6.1666, -10.7916,  
4.3166

0.0000, NaN, NaN

■ 79.3619, -47.3611,  
48.0733

■ 79.3619, -47.3611,  
48.0733

■ 79.3629, -47.3658,  
48.0739

■ 79.8978, -45.1454,  
47.8395

■ 80.5077, -42.5540,  
46.9575

■ 81.2067, -39.5173,  
45.2328

■ 82.0015, -36.0068,  
42.5722

■ 82.8968, -32.0070,  
38.9123

■ 83.8958, -27.5125,  
34.2127

■ 85.0007, -22.5263,  
28.4523

■ 86.2128, -17.0577,  
21.6258

■ 87.5323, -11.1217,  
13.7419

# Harmonies

## Analogous

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



79.3636, -8.1945, 51.2179



79.3619, -47.3611, 48.0733



79.3636, -69.7550, 34.7134

# Triad

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



79.3636, -47.3629, 48.0737



79.3636, -41.9087, -116.7219



79.3636, 108.2522, 8.0271

# Complementary

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



79.3619, -47.3611, 48.0733



27.3223, 67.6945, -144.4410

# 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.



79.3636, 93.3534, -46.7034



79.3619, -47.3611, 48.0733



79.3636, -0.2043, -139.3031

# Square

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



79.3636, -47.3629, 48.0737



79.3636, -67.1617, -57.4968



79.3636, 50.6649, -108.3323



79.3636, 87.6550, 38.1223



# Rectangle

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



79.3619, -47.3611, 48.0733



79.3636, -75.6461, 14.7486



79.3636, 50.6649, -108.3323



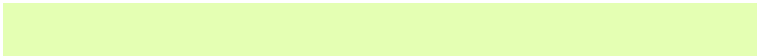
79.3636, 107.2294, -7.7493

# Sweetspot

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



79.3636, -47.3629, 48.0737



95.5287, -25.4304, 32.1139



47.5793, 50.0761, 30.1937



43.9459, -12.8939, 16.1911

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.3636, -47.3629, 48.0737



89.1844, -53.3685, 54.0207



75.4622, -63.5196, 45.3868



40.6816, -5.0120, 6.1729



59.7725, -35.4003, 36.2118



16.4060, -8.9938, 9.9519



# Inverse Universe

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



27.3223, 67.6945, -144.4410



30.6344, 76.0299, -162.8964



41.6943, 85.1013, -79.2798



37.5937, 0.9670, -2.2797



20.7053, 51.0795, -107.7120



6.0603, 14.3223, -26.6562



# Previews

## White Background



This preview shows how the HunterLab color 79.3619, -47.3611, 48.0733 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 79.3619, -47.3611, 48.0733 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

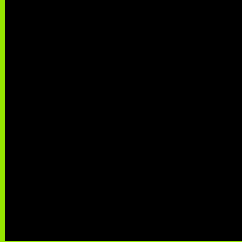
Any Text WCAG AA ✓ Pass

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 79.3619, -47.3611, 48.0733 Background



This preview shows how black text looks on a background with the HunterLab color 79.3619, -47.3611, 48.0733.



This preview shows how white text looks on a background with the HunterLab color 79.3619, -47.3611, 48.0733.

-47.3611, 48.0733.

# 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

79.3619, -47.3611, 48.0733

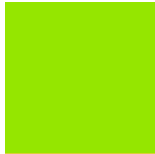
### Deuteranopia

78.6539, 5.0713, 41.9184

### Tritanopia

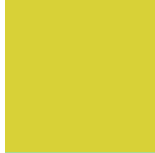
79.2129, -13.0982, -8.0054

# Trichromacy



## Original Color

79.3619, -47.3611, 48.0733



## Deuteranomaly

77.7661, -17.1713, 44.8628



## Tritanomaly

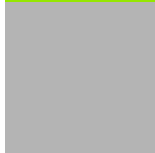
78.2212, -31.5286, 26.7245

# Monochromacy



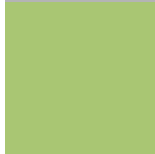
## Original Color

79.3619, -47.3611, 48.0733



## Achromatopsia

67.5582, -3.6047, 3.6706



## Achromatomaly

70.7538, -23.7868, 29.5900

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.3619, -47.3611, 48.0733 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(149, 230, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 230, 0)  
}
```

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(149, 230, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 230, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.3619, -47.3611, 48.0733 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(149, 230, 0) }
```

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

```
.border{ border-color:rgb(149, 230, 0) }
```

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

Here you see how a box with a 4 pixel rgb(149, 230, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 230, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 230, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 230,  
0) }
```



# Background

The CSS property to change the background color of an element to HunterLab 79.3619, -47.3611, 48.0733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 230, 0) }
```

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

```
.background{ background-color: rgb(149,  
230, 0) }
```

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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