

Converting Colors

HunterLab(46.8528, -40.6519,
29.7393)

Have a look what the booklet for
HunterLab(46.8528, -40.6519,
29.7393) contains.

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Color

**HunterLab(47.0939,
-40.1365, 28.3164)**

Conversions

Conversions Part 1

Format	Color
Hex	079700
RGB	7, 151, 0
RGB Percent	3%, 59%, 0%
CMY	0.9725, 0.4078, 1.0000
CMYK	0.95, 0.00, 1.00, 0.41
HSL	117°, 100%, 30%
HSV	117°, 100%, 59%
XYZ	11.1542, 22.1784, 3.6930
YIQ	90.7300, -37.3530, -77.4890

Conversions

Conversions Part 2

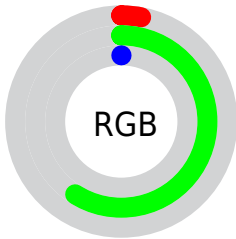
Format	Color
RYB	0, 151, 144
Decimal	497408
CIELab	54.22, -57.86, 56.32
CIELCh	54, 80.745, 135.772
Yxy	22.1793, 0.3013, 0.5990
Android (android.graphics.Color)	4278687488 (0xFF079700)
YUV	90.7300, -44.7299, -73.4312
Hunter-Lab	47.0939, -40.1365, 28.3164

Details

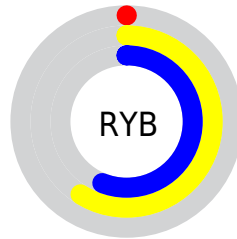
The HunterLab color $[47.0939, -40.1365, 28.3164]$ is a dark color, and the websafe version is hex 009900 . A complement of this color would be $[28.5749, 56.7525, -42.1503]$, and the grayscale version is $[32.4158, -1.7296, 1.7612]$.

A 20% lighter version of the original color is $[68.7601, -48.4178, 36.6672]$, and $[29.5557, -25.3440, 17.7684]$ is the 20% darker color. If you saturate the color by 10%, you get $[47.0948, -40.1376, 28.3169]$, and if you desaturate by 10%, it is $[47.2575, -39.3693, 27.8584]$.

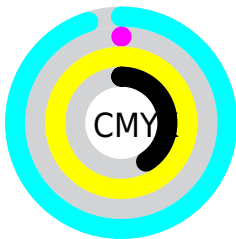
Distribution



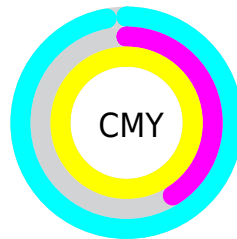
- Red (3%)
- Green (59%)
- Blue (0%)



- Red (0%)
- Yellow (59%)
- Blue (56%)



- Cyan (95%)
- Magenta (0%)
- Yellow (100%)
- Black (41%)



- Cyan (97%)
- Magenta (41%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0939, -40.1365, 28.3164 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 47.0939, -40.1365, 28.3164 by changing the saturation by 10% instead.

■ 47.0939, -40.1365,
28.3164

■ 47.0939, -40.1365,
28.3164

162.3210,
-72.2510, 60.7511

■ 37.4015, -35.6763,
23.8686

■ 68.5873, -48.2596,
36.5171

■ 28.4830, -30.8375,
19.5490

■ 80.3014, -52.0281,
40.3354

■ 20.4137, -25.4825,
14.2896

■ 92.6156, -55.6492,
44.0034

■ 13.2949, -22.1451,
9.3064

■ 105.5019,
-59.1478, 47.5436

■ 6.8324, -11.9567,
4.7827

■ 118.9359,
-62.5434, 50.9745


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 132.8962,


-65.8512, 54.3112


0.0000, NaN, NaN


 147.3636,
-69.0837, 57.5666


0.0000, NaN, NaN


 47.0939, -40.1365,
28.3164


 47.0939, -40.1365,
28.3164


 47.0948, -40.1376,
28.3169

 47.2575, -39.3693,
27.8584

 47.5399, -38.0449,
27.0782

 47.9680, -36.0434,
25.8189

 48.5542, -33.3267,
24.0451

 49.3069, -29.8856,
21.7440

■ 50.2307, -25.7358,
18.9218

■ 51.3273, -20.9130,
15.6006

■ 52.5956, -15.4683,
11.8142

■ 54.0323, -9.4630,
7.6048

Harmonies

Analogous

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



47.0949, -18.6670, 31.5697



47.0939, -40.1365, 28.3164



47.0949, -49.8544, 15.1983

Triad

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



47.0949, -40.1371, 28.3166



47.0949, -17.2251, -102.7408



47.0949, 76.1785, 16.2818

Complementary

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



47.0939, -40.1365, 28.3164



28.5749, 56.7525, -42.1503

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.



47.0949, 76.8836, -14.9735



47.0939, -40.1365, 28.3164



47.0949, 16.1570, -101.5944

Square

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



47.0949, -40.1371, 28.3166



47.0949, -39.3354, -65.1791



47.0949, 52.6265, -62.6701



47.0949, 50.9058, 28.6401

Rectangle

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



47.0939, -40.1365, 28.3164



47.0949, -50.7463, -3.9736



47.0949, 52.6265, -62.6701



47.0949, 79.4917, 8.2799

Sweetspot

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



47.0949, -40.1371, 28.3166



68.5910, -28.4031, 21.1656



51.3428, -11.0914, 31.4426



32.4185, -14.7745, 10.9422



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



47.0949, -40.1371, 28.3166



63.0052, -53.7878, 37.8819



47.4879, -37.5868, 21.7842



26.3411, -4.3722, 3.5368



43.4410, -37.0028, 26.1203



5.3414, -4.3970, 3.2144

Inverse Universe

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



28.5749, 56.7525, -42.1503



38.2091, 75.9065, -56.4896



26.8426, 48.2961, -0.7156



25.1179, 1.7595, -0.8473



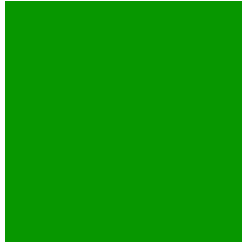
26.3616, 52.3554, -38.8596



3.2823, 6.4868, -4.5901

Previews

White Background



This preview shows how the HunterLab color 47.0939, -40.1365, 28.3164 looks on a white background.

Color Contrast Check

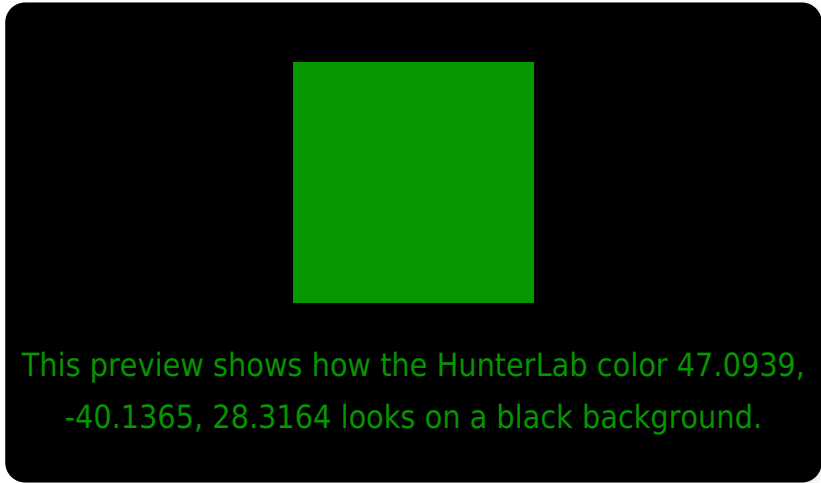
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

HunterLab 47.0939, -40.1365, 28.3164 Background



This preview shows how black text looks on a background with the HunterLab color 47.0939, -40.1365, 28.3164.



This preview shows how white text looks on a background with the HunterLab color 47.0939, -40.1365, 28.3164.

-40.1365, 28.3164.

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

47.0939, -40.1365, 28.3164

Protanopia

46.7028, -6.4192, 28.6657

Deuteranopia

46.5943, 3.2554, 26.9373



Tritanopia

47.0246, -17.1560, -8.7779

Trichromacy



Original Color

47.0939, -40.1365, 28.3164



Protanomaly

45.0824, -24.7888, 27.3456



Deuteranomaly

44.6020, -20.1566, 26.1876



Tritanomaly

46.1770, -30.0659, 13.4069

Monochromacy



Original Color

47.0939, -40.1365, 28.3164



Achromatopsia

32.3445, -1.7258, 1.7573



Achromatomaly

36.1613, -21.1649, 15.3486

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0939, -40.1365, 28.3164 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(7, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(7, 151, 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(7, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 151, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0939, -40.1365, 28.3164 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(7, 151, 0) }
```


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

```
.border{ border-color:rgb(7, 151, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 151, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 151, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 151, 0); box-shadow:4px  
4px 4px 4px rgb(7, 151, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0939, -40.1365, 28.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 151, 0) }
```

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

```
.background{ background-color: rgb(7, 151,  
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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