

Converting Colors

HunterLab(47.6386, -40.3503,
31.7403)

Have a look what the booklet for
HunterLab(47.6386, -40.3503,
31.7403) contains.

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Color

**HunterLab(47.7638,
-39.0348, 28.7485)**

Conversions

Conversions Part 1

Format	Color
Hex	239800
RGB	35, 152, 0
RGB Percent	14%, 60%, 0%
CMY	0.8627, 0.4039, 1.0000
CMYK	0.77, 0.00, 1.00, 0.40
HSL	106°, 100%, 30%
HSV	106°, 100%, 60%
XYZ	11.9214, 22.8138, 3.7752
YIQ	99.6890, -20.9400, -72.0760

Conversions

Conversions Part 2

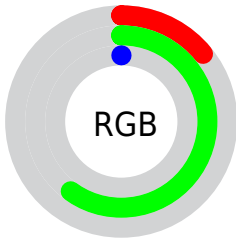
Format	Color
RYB	0, 152, 117
Decimal	2332672
CIELab	54.88, -55.23, 56.99
CIELCh	55, 79.364, 134.104
Yxy	22.8148, 0.3096, 0.5924
Android (android.graphics.Color)	4280522752 (0xFF239800)
YUV	99.6890, -49.1467, -56.7323
Hunter-Lab	47.7638, -39.0348, 28.7485

Details

The HunterLab color **47.7638, -39.0348, 28.7485** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **24.5972, 51.3375, -55.5514**, and the grayscale version is **35.7672, -1.9084, 1.9433**.

A 20% lighter version of the original color is **69.2045, -46.5714, 36.8639**, and **29.8725, -25.6157, 17.9589** is the 20% darker color. If you saturate the color by 10%, you get **47.7646, -39.0363, 28.7489**, and if you desaturate by 10%, it is **48.0518, -37.7493, 28.3810**.

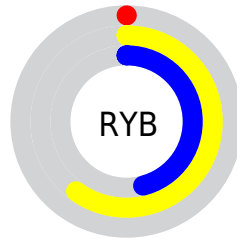
Distribution



Red (14%)

Green (60%)

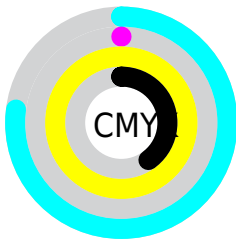
Blue (0%)



Red (0%)

Yellow (60%)

Blue (46%)

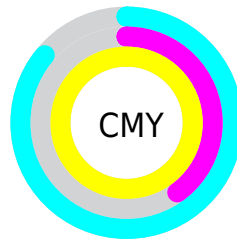


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (86%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7638, -39.0348, 28.7485 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 47.7638, -39.0348, 28.7485 by changing the saturation by 10% instead.

■ 47.7638, -39.0348,
28.7485

■ 47.7638, -39.0348,
28.7485

163.3316,
-69.8051, 61.4431

■ 38.0221, -34.7919,
24.2716

■ 69.3462, -46.7837,
37.0095

■ 29.0500, -30.1985,
19.8855

■ 81.1012, -50.3872,
40.8579

■ 20.9216, -25.1266,
14.6451

■ 93.4542, -53.8545,
44.5557

■ 13.7357, -21.2115,
9.6150

■ 106.3776,
-57.2088, 48.1251

■ 7.3509, -12.8641,
5.1456

■ 119.8472,
-60.4681, 51.5846

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 133.8418,


-63.6465, 54.9493


0.0000, NaN, NaN


 148.3423,
-66.7557, 58.2320


0.0000, NaN, NaN


 47.7638, -39.0348,
28.7485


 47.7638, -39.0348,
28.7485


 47.7646, -39.0363,
28.7489

 48.0518, -37.7493,
28.3810

 48.4406, -35.9946,
27.6814

 48.9465, -33.6980,
26.4880

 49.5756, -30.8454,
24.7599

 50.3319, -27.4392,
22.4768

■ 51.2174, -23.4954,
19.6352

■ 52.2323, -19.0408,
16.2457

■ 53.3756, -14.1103,
12.3294

■ 54.6449, -8.7441,
7.9161

Harmonies

Analogous

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



47.7648, -16.9865, 31.8714



47.7638, -39.0348, 28.7485



47.7648, -49.3778, 16.3009

Triad

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



47.7648, -39.0355, 28.7487



47.7648, -18.6467, -98.7771



47.7648, 75.4236, 15.0446

Complementary

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



47.7638, -39.0348, 28.7485



24.5972, 51.3375, -55.5514

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.



47.7648, 74.6236, -16.9544



47.7638, -39.0348, 28.7485



47.7648, 13.8324, -100.0649

Square

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



47.7648, -39.0355, 28.7487



47.7648, -39.9664, -60.9531



47.7648, 49.8248, -63.7823



47.7648, 51.7818, 28.3599

Rectangle

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



47.7638, -39.0348, 28.7485



47.7648, -50.6301, -1.9021



47.7648, 49.8248, -63.7823



47.7648, 78.1691, 6.7025

Sweetspot

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



47.7648, -39.0355, 28.7487



69.3085, -25.6643, 21.8689



43.9214, 1.3998, 27.0883



32.7854, -13.3596, 11.2913



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.



47.7648, -39.0355, 28.7487



63.4038, -52.0889, 38.1572



47.5546, -39.5997, 26.0461



26.4401, -4.0174, 3.6513



43.7504, -35.6851, 26.3341



5.4812, -3.8121, 3.3108

Inverse Universe

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



24.5972, 51.3375, -55.5514



32.5502, 68.0361, -74.2594



27.9894, 52.0680, -13.9879



25.0039, 1.3762, -0.9988



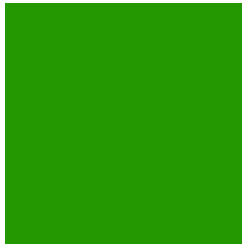
22.5538, 47.0518, -50.7568



3.0291, 6.1255, -5.3149

Previews

White Background



This preview shows how the HunterLab color 47.7638, -39.0348, 28.7485 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



This preview shows how the HunterLab color 47.7638, -39.0348, 28.7485 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 × Fail

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

HunterLab 47.7638, -39.0348, 28.7485 Background



This preview shows how black text looks on a background with the HunterLab color 47.7638, -39.0348, 28.7485.



This preview shows how white text looks on a background with the HunterLab color 47.7638,

-39.0348, 28.7485.

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

47.7638, -39.0348, 28.7485

Protanopia

47.3663, -6.9597, 29.0650

Deuteranopia

47.3473, 3.0686, 27.4271



Tritanopia

47.6332, -16.3805, -8.4475

Trichromacy



Original Color

47.7638, -39.0348, 28.7485

Protanomaly

46.3998, -22.8157, 28.1919

Deuteranomaly

45.7015, -17.4984, 26.9343

Tritanomaly

46.9184, -28.7382, 14.1165

Monochromacy



Original Color

47.7638, -39.0348, 28.7485

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

38.8591, -19.7590, 16.1982

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7638, -39.0348, 28.7485 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(35, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(35, 152, 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(35, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 152, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7638, -39.0348, 28.7485 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(35, 152, 0) }
```


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

```
.border{ border-color:rgb(35, 152, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 152, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(35, 152, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.7638, -39.0348, 28.7485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 152, 0) }
```

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

```
.background{ background-color: rgb(35, 152,  
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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