

Converting Colors

HunterLab(48.9396, -39.5973,
24.3089)

Have a look what the booklet for
HunterLab(48.9396, -39.5973,
24.3089) contains.

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Color

**HunterLab(49.0950,
-39.7266, 24.3939)**

Conversions

Conversions Part 1

Format	Color
Hex	009C3C
RGB	0, 156, 60
RGB Percent	0%, 61%, 24%
CMY	1.0000, 0.3882, 0.7647
CMYK	1.00, 0.00, 0.62, 0.39
HSL	143°, 100%, 31%
HSV	143°, 100%, 61%
XYZ	12.7041, 24.1032, 8.2578
YIQ	98.4120, -62.1600, -62.9280

Conversions

Conversions Part 2

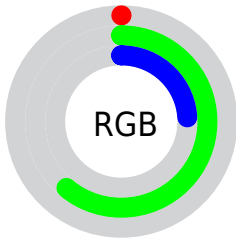
Format	Color
RYB	0, 113, 156
Decimal	39996
CIELab	56.19, -55.52, 39.81
CIELCh	56, 68.320, 144.360
Yxy	24.1042, 0.2819, 0.5348
Android (android.graphics.Color)	4278230076 (0xFF009C3C)
YUV	98.4120, -18.9371, -86.3073
Hunter-Lab	49.0950, -39.7266, 24.3939

Details

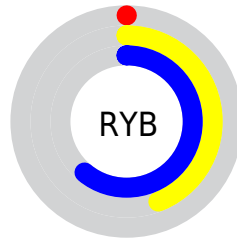
The HunterLab color $49.0950, -39.7266, 24.3939$ is a dark color, and the websafe version is hex 009933 . A complement of this color would be $28.1299, 51.1748, -5.0974$, and the grayscale version is $35.1893, -1.8776, 1.9119$.

A 20% lighter version of the original color is $70.9291, -47.5277, 30.3030$, and $31.1632, -26.5969, 18.4638$ is the 20% darker color. If you saturate the color by 10%, you get $49.0959, -39.7275, 24.3945$, and if you desaturate by 10%, it is $49.3171, -38.5685, 22.8264$.

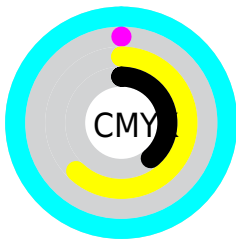
Distribution



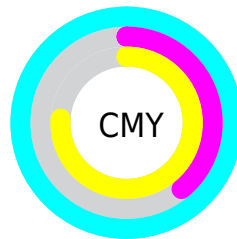
- Red (0%)
- Green (61%)
- Blue (24%)



- Red (0%)
- Yellow (44%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0950, -39.7266, 24.3939 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 49.0950, -39.7266, 24.3939 by changing the saturation by 10% instead.

■ 49.0950, -39.7266,
24.3939

■ 49.0950, -39.7266,
24.3939

165.3320,
-70.4951, 48.4016

■ 39.2567, -35.5013,
21.1809

■ 70.8521, -47.4587,
30.3348

■ 30.1799, -30.9364,
17.7482

■ 82.6871, -51.0595,
33.1240

■ 21.9360, -25.9106,
14.3444

■ 95.1164, -54.5266,
35.8220

■ 14.6195, -21.3308,
10.2337

■ 108.1127,
-57.8824, 38.4447

■ 8.2794, -14.4890,
5.7956

■ 121.6524,
-61.1445, 41.0047

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.7143,

-64.3268, 43.5123

0.0000, NaN, NaN

150.2798,
-67.4406, 45.9757

0.0000, NaN, NaN

■ 49.0950, -39.7266,
24.3939

■ 49.0950, -39.7266,
24.3939

■ 49.0959, -39.7275,
24.3945

■ 49.3171, -38.5685,
22.8264

■ 49.6385, -36.9590,
21.0582

■ 50.0955, -34.7636,
19.1252

■ 50.6998, -31.9536,
17.0512

■ 51.4593, -28.5240,
14.8620

■ 52.3788, -24.4896,
12.5850

■ 53.4601, -19.8811,
10.2479

■ 54.7027, -14.7413,
7.8773

■ 56.1041, -9.1209,
5.4981

Harmonies

Analogous

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



49.0960, -23.2642, 30.4059



49.0950, -39.7266, 24.3939



49.0960, -46.1602, 7.5303

Triad

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



49.0960, -39.7272, 24.3941



49.0960, -7.8991, -82.8013



49.0960, 58.0205, 19.6933

Complementary

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



49.0950, -39.7266, 24.3939



28.1299, 51.1748, -5.0974

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.



49.0960, 64.7744, -2.7389



49.0950, -39.7266, 24.3939



49.0960, 22.1182, -72.6079

Square

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



49.0960, -39.7272, 24.3941



49.0960, -30.6759, -61.4760



49.0960, 50.3942, -38.5026



49.0960, 33.6113, 28.9803

Rectangle

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



49.0950, -39.7266, 24.3939



49.0960, -45.2690, -12.1131



49.0960, 50.3942, -38.5026



49.0960, 62.6342, 13.9340

Sweetspot

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



49.0960, -39.7272, 24.3941



71.9536, -27.1843, 14.0002



51.2598, -31.4318, 31.0357



33.4762, -13.9216, 7.1464



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



49.0960, -39.7272, 24.3941



66.1381, -53.7085, 33.2744



50.6035, -30.4871, 2.5633



27.2785, -4.2155, 2.5826



44.5646, -36.0104, 22.0343



6.0256, -4.4029, 1.9732

Inverse Universe

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



28.1299, 51.1748, -5.0974



37.8574, 68.7796, -6.1383



26.6695, 45.8378, 15.9443



25.9062, 1.4899, 0.3368



25.5428, 46.4933, -4.8155



3.5317, 6.6324, -2.2467

Previews

White Background



This preview shows how the HunterLab color 49.0950, -39.7266, 24.3939 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 49.0950, -39.7266, 24.3939 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 49.0950, -39.7266, 24.3939 Background



This preview shows how black text looks on a background with the HunterLab color 49.0950, -39.7266, 24.3939.



This preview shows how white text looks on a background with the HunterLab color 49.0950, -39.7266, 24.3939.

-39.7266, 24.3939.

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

49.0950, -39.7266, 24.3939

Protanopia

48.6889, -6.0707, 25.6457

Deuteranopia

48.8416, 3.2612, 23.5143



Tritanopia

49.0413, -18.7154, -9.2164

Trichromacy



Original Color

49.0950, -39.7266, 24.3939



Protanomaly

46.9728, -24.7980, 23.7878



Deuteranomaly

46.4348, -20.2614, 21.8726



Tritanomaly

48.6304, -29.1058, 7.0080

Monochromacy



Original Color

49.0950, -39.7266, 24.3939



Achromatopsia

34.9484, -1.8648, 1.8988



Achromatomaly

38.5459, -20.2964, 10.4951

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0950, -39.7266, 24.3939 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(0, 156, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 60)  
}
```

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(0, 156, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0950, -39.7266, 24.3939 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(0, 156, 60) }
```


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

```
.border{ border-color:rgb(0, 156, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 60);  
box-shadow:4px 4px 4px 4px rgb(0, 156, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.0950, -39.7266, 24.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 60) }
```

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

```
.background{ background-color: rgb(0, 156,  
60) }
```

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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