

Converting Colors

HunterLab(48.9154, -40.1200,
25.4676)

Have a look what the booklet for
HunterLab(48.9154, -40.1200,
25.4676) contains.

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Color

**HunterLab(49.0152,
-40.2247, 25.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	009C34
RGB	0, 156, 52
RGB Percent	0%, 61%, 20%
CMY	1.0000, 0.3882, 0.7961
CMYK	1.00, 0.00, 0.67, 0.39
HSL	140°, 100%, 31%
HSV	140°, 100%, 61%
XYZ	12.5083, 24.0249, 7.2268
YIQ	97.5000, -59.5920, -65.4160

Conversions

Conversions Part 2

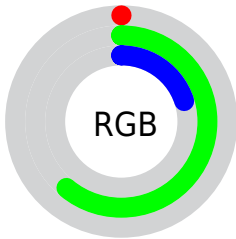
Format	Color
RYB	0, 117, 156
Decimal	39988
CIELab	56.11, -56.51, 43.36
CIELCh	56, 71.222, 142.502
Yxy	24.0259, 0.2858, 0.5490
Android (android.graphics.Color)	4278230068 (0xFF009C34)
YUV	97.5000, -22.4315, -85.5075
Hunter-Lab	49.0152, -40.2247, 25.5689

Details

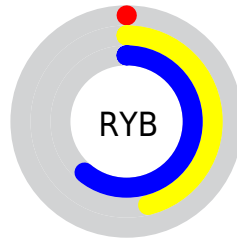
The HunterLab color **49.0152, -40.2247, 25.5689** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **28.4039, 52.1608, -8.9241**, and the grayscale version is **34.8597, -1.8600, 1.8940**.

A 20% lighter version of the original color is **70.8450, -48.1102, 32.0730**, and **31.1456, -26.7074, 18.7242** is the 20% darker color. If you saturate the color by 10%, you get **49.0162, -40.2255, 25.5694**, and if you desaturate by 10%, it is **49.2309, -39.1042, 24.0925**.

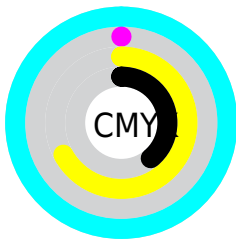
Distribution



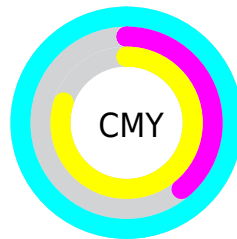
- Red (0%)
- Green (61%)
- Blue (20%)



- Red (0%)
- Yellow (46%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0152, -40.2247, 25.5689 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 49.0152, -40.2247, 25.5689 by changing the saturation by 10% instead.

■ 49.0152, -40.2247,
25.5689

■ 49.0152, -40.2247,
25.5689

165.2124,
-71.4721, 51.3239

■ 39.1827, -35.9248,
22.0953

■ 70.7619, -48.0876,
31.9799

■ 30.1121, -31.2769,
18.3847

■ 82.5922, -51.7468,
34.9821

■ 21.8750, -26.1572,
14.9964

■ 95.0169, -55.2687,
37.8807

■ 14.5663, -21.6169,
10.1964

■ 108.0089,
-58.6761, 40.6932

■ 8.2269, -14.3971,
5.7589

■ 121.5444,
-61.9872, 43.4335

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.6023,

-65.2162, 46.1129

0.0000, NaN, NaN

150.1639,
-68.3747, 48.7405

0.0000, NaN, NaN

■ 49.0152, -40.2247,
25.5689

■ 49.0152, -40.2247,
25.5689

■ 49.0162, -40.2255,
25.5694

■ 49.2309, -39.1042,
24.0925

■ 49.5488, -37.5135,
22.3732

■ 50.0053, -35.3162,
20.4427

■ 50.6125, -32.4828,
18.3221

■ 51.3784, -29.0085,
16.0365

■ 52.3076, -24.9093,
13.6139

■ 53.4021, -20.2176,
11.0835

■ 54.6611, -14.9785,
8.4748

■ 56.0818, -9.2452,
5.8158

Harmonies

Analogous

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



49.0162, -22.6328, 31.0096



49.0152, -40.2247, 25.5689



49.0162, -47.3930, 9.2470

Triad

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



49.0162, -40.2253, 25.5691



49.0162, -9.8569, -87.6605



49.0162, 62.1622, 19.2503

Complementary

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



49.0152, -40.2247, 25.5689



28.4039, 52.1608, -8.9241

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.



49.0162, 67.9068, -4.9718



49.0152, -40.2247, 25.5689



49.0162, 21.2337, -78.8474

Square

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



49.0162, -40.2253, 25.5691



49.0162, -32.7878, -63.0508



49.0162, 51.4780, -43.3185



49.0162, 37.2590, 29.1739

Rectangle

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



49.0152, -40.2247, 25.5689



49.0162, -46.8731, -10.6230



49.0162, 51.4780, -43.3185



49.0162, 66.6055, 13.0400

Sweetspot

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



49.0162, -40.2253, 25.5691



71.8742, -27.6448, 15.1435



51.6925, -29.6932, 31.3327



33.4355, -14.1592, 7.7331



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.



49.0162, -40.2253, 25.5691



66.0326, -54.3666, 34.8268



50.3882, -31.7883, 5.6412



27.2685, -4.2714, 2.7259



44.4916, -36.4656, 23.1082



6.0113, -4.4910, 2.1811

Inverse Universe

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



28.4039, 52.1608, -8.9241



38.2295, 70.1188, -11.3400



26.7262, 46.0478, 15.1062



25.9171, 1.5485, 0.1815



25.7908, 47.3852, -8.2767



3.5560, 6.7183, -2.5749

Previews

White Background



This preview shows how the HunterLab color 49.0152, -40.2247, 25.5689 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 49.0152, -40.2247, 25.5689 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 49.0152, -40.2247, 25.5689 Background



This preview shows how black text looks on a background with the HunterLab color 49.0152, -40.2247, 25.5689.



This preview shows how white text looks on a background with the HunterLab color 49.0152, -40.2247, 25.5689.

-40.2247, 25.5689.

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

49.0152, -40.2247, 25.5689

Protanopia

48.7150, -6.1201, 26.7649

Deuteranopia

48.4923, 3.2938, 24.5404



Tritanopia

49.0746, -18.5889, -9.1672

Trichromacy



Original Color

49.0152, -40.2247, 25.5689



Protanomaly

46.8959, -25.2558, 24.9196



Deuteranomaly

46.3527, -20.7430, 23.0789



Tritanomaly

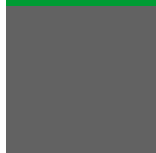
48.5754, -29.4779, 8.1135

Monochromacy



Original Color

49.0152, -40.2247, 25.5689



Achromatopsia

34.9484, -1.8648, 1.8988



Achromatomaly

38.4862, -20.6522, 11.3609

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0152, -40.2247, 25.5689 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0152, -40.2247, 25.5689 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, 52) }
```


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

```
.border{ border-color:rgb(0, 156, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 52);  
box-shadow:4px 4px 4px 4px rgb(0, 156, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.0152, -40.2247, 25.5689 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, 52) }
```

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

```
.background{ background-color: rgb(0, 156,  
52) }
```

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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