

Converting Colors

HunterLab(48.7609, -39.5341,
24.6826)

Have a look what the booklet for
HunterLab(48.7609, -39.5341,
24.6826) contains.

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Color

**HunterLab(48.7482,
-39.5022, 24.6389)**

Conversions

Conversions Part 1

Format	Color
Hex	049B39
RGB	4, 155, 57
RGB Percent	2%, 61%, 22%
CMY	0.9843, 0.3921, 0.7765
CMYK	0.97, 0.00, 0.63, 0.39
HSL	141°, 95%, 31%
HSV	141°, 97%, 61%
XYZ	12.5099, 23.7639, 7.7984
YIQ	98.6790, -58.5380, -62.4900

Conversions

Conversions Part 2

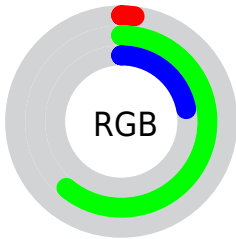
Format	Color
RYB	4, 116, 155
Decimal	301881
CIELab	55.85, -55.36, 40.82
CIELCh	56, 68.788, 143.597
Yxy	23.7648, 0.2838, 0.5392
Android (android.graphics.Color)	4278491961 (0xFF049B39)
YUV	98.6790, -20.5477, -83.0335
Hunter-Lab	48.7482, -39.5022, 24.6389

Details

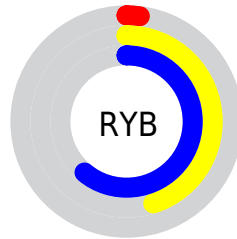
The HunterLab color $48.7482, -39.5022, 24.6389$ is a dark color, and the websafe version is hex 009933 . A complement of this color would be $28.3108, 51.0831, -7.9868$, and the grayscale version is $35.2939, -1.8832, 1.9176$.

A 20% lighter version of the original color is $70.5656, -47.2973, 30.7338$, and $30.8301, -26.4114, 18.4797$ is the 20% darker color. If you saturate the color by 10%, you get $48.6968, -39.7768, 25.0000$, and if you desaturate by 10%, it is $48.9828, -38.2906, 23.0731$.

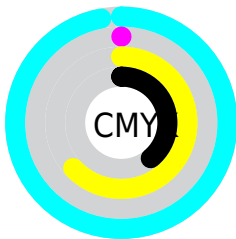
Distribution



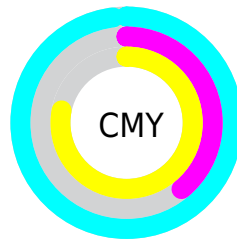
- Red (2%)
- Green (61%)
- Blue (22%)



- Red (2%)
- Yellow (45%)
- Blue (61%)



- Cyan (97%)
- Magenta (0%)
- Yellow (63%)
- Black (39%)



- Cyan (98%)
- Magenta (39%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7482, -39.5022, 24.6389 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 48.7482, -39.5022, 24.6389 by changing the saturation by 10% instead.

■ 48.7482, -39.5022,
24.6389

■ 48.7482, -39.5022,
24.6389

164.8118,
-70.2313, 49.1676

■ 38.9349, -35.2785,
21.3450

■ 70.4600, -47.2277,
30.7230

■ 29.8852, -30.7131,
17.8245

■ 82.2744, -50.8245,
33.5762

■ 21.6711, -25.6831,
14.4526

■ 94.6839, -54.2871,
36.3340

■ 14.3883, -21.2543,
10.0718

■ 107.6613,
-57.6382, 39.0130

■ 8.0486, -14.0851,
5.6340

■ 121.1828,
-60.8955, 41.6262

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.2273,

-64.0729, 44.1843

0.0000, NaN, NaN

149.7759,
-67.1817, 46.6957

0.0000, NaN, NaN

■ 48.7482, -39.5022,
24.6389

■ 48.7482, -39.5022,
24.6389

■ 48.6968, -39.7768,
25.0000

■ 48.9828, -38.2906,
23.0731

■ 49.3341, -36.5524,
21.2942

■ 49.8253, -34.2096,
19.3272

■ 50.4673, -31.2398,
17.1950

■ 51.2670, -27.6441,
14.9236

■ 52.2283, -23.4423,
12.5408

■ 53.3523, -18.6698,
10.0754

■ 54.6379, -13.3729,
7.5551

■ 56.0819, -7.6049,
5.0062

Harmonies

Analogous

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



48.7492, -22.7611, 30.3955



48.7482, -39.5022, 24.6389



48.7492, -46.1710, 8.1452

Triad

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



48.7492, -39.5028, 24.6391



48.7492, -8.5984, -83.4790



48.7492, 58.8740, 19.3203

Complementary

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



48.7482, -39.5022, 24.6389



28.3108, 51.0831, -7.9868

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.



48.7492, 65.1396, -3.5621



48.7482, -39.5022, 24.6389



48.7492, 21.4765, -73.9782

Square

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



48.7492, -39.5028, 24.6391



48.7492, -31.1875, -61.2076



48.7492, 50.1540, -39.8363



48.7492, 34.6018, 28.7999

Rectangle

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



48.7482, -39.5022, 24.6389



48.7492, -45.4372, -11.3501



48.7492, 50.1540, -39.8363



48.7492, 63.3572, 13.4394

Sweetspot

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



48.7492, -39.5028, 24.6391



71.0558, -26.4169, 14.1988



51.2699, -29.6984, 30.9395



33.5164, -13.7921, 7.3828



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.



48.7492, -39.5028, 24.6391



65.1419, -53.3864, 33.8242



50.1448, -30.9375, 4.3966



26.3811, -4.0998, 2.5833



43.6497, -35.6002, 22.2923



5.3973, -3.9795, 1.8444

Inverse Universe

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



28.3108, 51.0831, -7.9868



37.5655, 68.6754, -9.3955



26.7081, 45.1929, 14.9934



25.0735, 1.4634, 0.2335



25.2050, 46.1625, -6.9545



3.1908, 6.0326, -2.3435

Previews

White Background



This preview shows how the HunterLab color 48.7482, -39.5022, 24.6389 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 48.7482, -39.5022, 24.6389 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 48.7482, -39.5022, 24.6389 Background



This preview shows how black text looks on a background with the HunterLab color 48.7482, -39.5022, 24.6389.



This preview shows how white text looks on a background with the HunterLab color 48.7482,

-39.5022, 24.6389.

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

48.7482, -39.5022, 24.6389

Protanopia

48.2804, -6.1192, 25.7969

Deuteranopia

48.4403, 3.2356, 23.5966



Tritanopia

48.6921, -18.5001, -9.1610

Trichromacy



Original Color

48.7482, -39.5022, 24.6389

Protanomaly

46.6836, -24.3752, 24.0618

Deuteranomaly

46.1675, -19.7560, 22.0630

Tritanomaly

48.3185, -28.7261, 7.0741

Monochromacy



Original Color

48.7482, -39.5022, 24.6389

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

38.6312, -19.9597, 10.5821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7482, -39.5022, 24.6389 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(4, 155, 57)` looks like.

```
.text, #text, p{  
    color:rgb(4, 155, 57)  
}
```

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(4, 155, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 155, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7482, -39.5022, 24.6389 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(4, 155, 57) }
```


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

```
.border{ border-color:rgb(4, 155, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 155, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 155, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 155, 57);  
box-shadow:4px 4px 4px 4px rgb(4, 155, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.7482, -39.5022, 24.6389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 155, 57) }
```

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

```
.background{ background-color: rgb(4, 155,  
57) }
```

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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