

Converting Colors

HunterLab(47.8956, -39.8973,
26.2615)

Have a look what the booklet for
HunterLab(47.8956, -39.8973,
26.2615) contains.

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Color

**HunterLab(47.8984,
-39.8796, 26.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	009929
RGB	0, 153, 41
RGB Percent	0%, 60%, 16%
CMY	1.0000, 0.4000, 0.8392
CMYK	1.00, 0.00, 0.73, 0.40
HSL	136°, 100%, 30%
HSV	136°, 100%, 60%
XYZ	11.7915, 22.9426, 5.9047
YIQ	94.4850, -55.2360, -67.2680

Conversions

Conversions Part 2

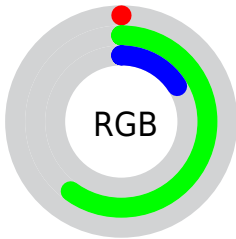
Format	Color
RYB	0, 121, 153
Decimal	39209
CIELab	55.01, -56.72, 46.73
CIELCh	55, 73.493, 140.514
Yxy	22.9435, 0.2902, 0.5645
Android (android.graphics.Color)	4278229289 (0xFF009929)
YUV	94.4850, -26.3681, -82.8633
Hunter-Lab	47.8984, -39.8796, 26.2199

Details

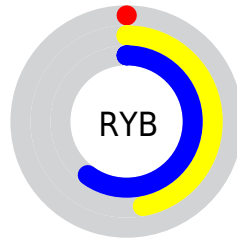
The HunterLab color **47.8984, -39.8796, 26.2199** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **28.1825, 52.4138, -13.9673**, and the grayscale version is **33.7475, -1.8007, 1.8336**.

A 20% lighter version of the original color is **69.6175, -47.9852, 33.2382**, and **30.1900, -25.8879, 18.1497** is the 20% darker color. If you saturate the color by 10%, you get **47.8993, -39.8804, 26.2203**, and if you desaturate by 10%, it is **48.1012, -38.8367, 24.9256**.

Distribution



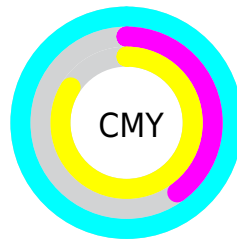
- Red (0%)
- Green (60%)
- Blue (16%)



- Red (0%)
- Yellow (47%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8984, -39.8796, 26.2199 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 47.8984, -39.8796, 26.2199 by changing the saturation by 10% instead.

■ 47.8984, -39.8796,
26.2199

■ 47.8984, -39.8796,
26.2199

163.5343,
-71.3514, 53.7467

■ 38.1468, -35.5301,
22.4757

■ 69.4986, -47.8173,
33.1155

■ 29.1641, -30.8197,
18.4768

■ 81.2617, -51.5060,
36.3354

■ 21.0239, -25.6180,
14.7167

■ 93.6225, -55.0536,
39.4378

■ 13.8246, -21.6727,
9.6772

■ 106.5533,
-58.4838, 42.4421

■ 7.4505, -13.0383,
5.2153

■ 120.0301,
-61.8154, 45.3637

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.0315,

-65.0630, 48.2152

0.0000, NaN, NaN

148.5386,
-68.2384, 51.0067

0.0000, NaN, NaN

■ 47.8984, -39.8796,
26.2199

■ 47.8984, -39.8796,
26.2199

■ 47.8993, -39.8804,
26.2203

■ 48.1012, -38.8367,
24.9256

■ 48.4066, -37.3143,
23.3420

■ 48.8514, -35.1731,
21.4932

■ 49.4477, -32.3831,
19.3955

■ 50.2034, -28.9395,
17.0710

■ 51.1231, -24.8590,
14.5465

■ 52.2086, -20.1754,
11.8524

■ 53.4590, -14.9353,
9.0202

■ 54.8714, -9.1938,
6.0815

Harmonies

Analogous

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



47.8994, -21.3934, 30.9345



47.8984, -39.8796, 26.2199



47.8994, -47.6998, 10.9066

Triad

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



47.8994, -39.8802, 26.2201



47.8994, -11.8289, -91.2462



47.8994, 65.5173, 18.3036

Complementary

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



47.8984, -39.8796, 26.2199



28.1825, 52.4138, -13.9673

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.



47.8994, 69.9279, -7.5077



47.8984, -39.8796, 26.2199



47.8994, 19.7284, -84.3576

Square

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



47.8994, -39.8802, 26.2201



47.8994, -34.3867, -63.3498



47.8994, 51.5059, -48.0357



47.8994, 40.6359, 28.7479

Rectangle

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



47.8984, -39.8796, 26.2199



47.8994, -47.5936, -8.7066



47.8994, 51.5059, -48.0357



47.8994, 69.6493, 11.6955

Sweetspot

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



47.8994, -39.8802, 26.2201



69.7736, -27.3934, 16.0812



51.2264, -26.5774, 31.1001



32.5141, -14.0411, 8.2181



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.



47.8994, -39.8802, 26.2201



64.0786, -53.4999, 35.3982



49.0662, -32.6774, 9.2129



26.3656, -4.1864, 2.8054



43.5506, -36.2194, 23.7528



5.3757, -4.1125, 2.1584

Inverse Universe

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



28.1825, 52.4138, -13.9673



37.6714, 69.9892, -18.1052



26.2645, 45.4560, 13.2655



25.0906, 1.5551, -0.0097



25.6316, 47.6892, -12.8507



3.2269, 6.1601, -2.8281

Previews

White Background



This preview shows how the HunterLab color 47.8984, -39.8796, 26.2199 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 47.8984, -39.8796, 26.2199 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 47.8984, -39.8796, 26.2199 Background



This preview shows how black text looks on a background with the HunterLab color 47.8984, -39.8796, 26.2199.



This preview shows how white text looks on a background with the HunterLab color 47.8984, -39.8796, 26.2199.

-39.8796, 26.2199.

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

47.8984, -39.8796, 26.2199

Protanopia

47.4942, -6.2479, 27.1713

Deuteranopia

47.3812, 3.4741, 25.1915



Tritanopia

47.9946, -18.1422, -8.5105

Trichromacy



Original Color

47.8984, -39.8796, 26.2199

Protanomaly

45.8023, -24.8816, 25.5219

Deuteranomaly

45.2597, -20.4151, 23.8683

Tritanomaly

47.4456, -29.2699, 9.2004

Monochromacy



Original Color

47.8984, -39.8796, 26.2199

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

37.0542, -20.2166, 11.8275

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8984, -39.8796, 26.2199 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, 153, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 41)  
}
```

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, 153, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8984, -39.8796, 26.2199 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, 153, 41) }
```


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

```
.border{ border-color:rgb(0, 153, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 41);  
box-shadow:4px 4px 4px 4px rgb(0, 153, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.8984, -39.8796, 26.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 41) }
```

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

```
.background{ background-color: rgb(0, 153,  
41) }
```

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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