

Converting Colors

HunterLab(45.5458, -48.6240,
23.5920)

Have a look what the booklet for
HunterLab(45.5458, -48.6240,
23.5920) contains.

HunterLab(47.6129, -39.2280, 25.1700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(47.6129,
-39.2280, 25.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	009830
RGB	0, 152, 48
RGB Percent	0%, 60%, 19%
CMY	1.0000, 0.4039, 0.8118
CMYK	1.00, 0.00, 0.68, 0.40
HSL	139°, 100%, 30%
HSV	139°, 100%, 60%
XYZ	11.7617, 22.6699, 6.5521
YIQ	94.6960, -57.2080, -64.5680

Conversions

Conversions Part 2

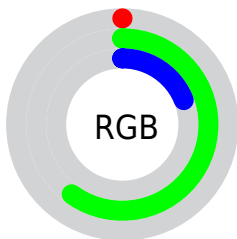
Format	Color
RYB	0, 116, 152
Decimal	38960
CIELab	54.73, -55.71, 43.58
CIELCh	55, 70.730, 141.969
Yxy	22.6708, 0.2870, 0.5531
Android (android.graphics.Color)	4278229040 (0xFF009830)
YUV	94.6960, -23.0211, -83.0484
Hunter-Lab	47.6129, -39.2280, 25.1700

Details

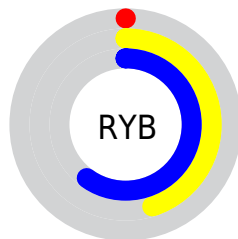
The HunterLab color **47.6129, -39.2280, 25.1700** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **27.7042, 51.0515, -10.0644**, and the grayscale version is **33.8144, -1.8043, 1.8372**.

A 20% lighter version of the original color is **69.3101, -47.2800, 31.7830**, and **29.8725, -25.6157, 17.9589** is the 20% darker color. If you saturate the color by 10%, you get **47.6139, -39.2287, 25.1704**, and if you desaturate by 10%, it is **47.8228, -38.1419, 23.7707**.

Distribution



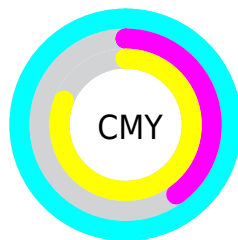
- Red (0%)
- Green (60%)
- Blue (19%)



- Red (0%)
- Yellow (45%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6129, -39.2280, 25.1700 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 47.6129, -39.2280, 25.1700 by changing the saturation by 10% instead.

■ 47.6129, -39.2280,
25.1700

■ 47.6129, -39.2280,
25.1700

163.1042,
-70.2448, 51.1474

■ 37.8822, -34.9448,
21.6504

■ 69.1753, -47.0457,
31.6538

■ 28.9222, -30.3059,
17.8861

■ 80.9211, -50.6795,
34.6854

■ 20.8071, -25.1812,
14.5649

■ 93.2654, -54.1750,
37.6097

■ 13.6361, -21.3752,
9.5453

■ 106.1805,
-57.5558, 40.4451

■ 7.2375, -12.6657,
5.0663

■ 119.6421,
-60.8400, 43.2059

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 133.6290,

-64.0421, 45.9039

0.0000, NaN, NaN

148.1220,
-67.1739, 48.5485

0.0000, NaN, NaN

■ 47.6129, -39.2280,
25.1700

■ 47.6129, -39.2280,
25.1700

■ 47.6139, -39.2287,
25.1704

■ 47.8228, -38.1419,
23.7707

■ 48.1318, -36.5978,
22.1218

■ 48.5762, -34.4590,
20.2531

■ 49.1678, -31.6972,
18.1842

■ 49.9141, -28.3080,
15.9388

■ 50.8198, -24.3073,
13.5440

■ 51.8864, -19.7271,
11.0285

■ 53.1134, -14.6118,
8.4216

■ 54.4980, -9.0137,
5.7515

Harmonies

Analogous

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



47.6139, -21.8037, 30.2960



47.6129, -39.2280, 25.1700



47.6139, -46.4045, 9.4744

Triad

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



47.6139, -39.2286, 25.1702



47.6139, -10.1457, -86.6019



47.6139, 61.6185, 18.5727

Complementary

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



47.6129, -39.2280, 25.1700



27.7042, 51.0515, -10.0644

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.



47.6139, 66.8954, -5.5017



47.6129, -39.2280, 25.1700



47.6139, 20.3684, -78.4676

Square

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



47.6139, -39.2286, 25.1702



47.6139, -32.4658, -61.7115



47.6139, 50.3274, -43.5337



47.6139, 37.2809, 28.4042

Rectangle

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



47.6129, -39.2280, 25.1700



47.6139, -46.0049, -9.8875



47.6139, 50.3274, -43.5337



47.6139, 65.8830, 12.4027

Sweetspot

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



47.6139, -39.2286, 25.1702



68.8447, -26.5845, 14.8511



50.5433, -27.6344, 30.6607



32.5496, -13.8332, 7.7046



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.



47.6139, -39.2286, 25.1702



63.2343, -52.2595, 33.7758



48.8392, -31.6803, 7.3440



26.3745, -4.1366, 2.6777



43.6043, -35.8839, 22.9615



5.3882, -4.0357, 1.9772

Inverse Universe

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



27.7042, 51.0515, -10.0644



36.7608, 67.6623, -12.7433



26.0221, 44.9314, 13.9610



25.0807, 1.5022, 0.1306



25.3791, 46.7871, -9.3726



3.2062, 6.0869, -2.5503

Previews

White Background



This preview shows how the HunterLab color 47.6129, -39.2280, 25.1700 looks on a white background.

Color Contrast Check

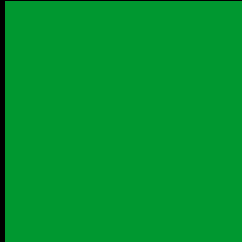
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6129, -39.2280, 25.1700 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 47.6129, -39.2280, 25.1700 Background



This preview shows how black text looks on a background with the HunterLab color 47.6129, -39.2280, 25.1700.



This preview shows how white text looks on a background with the HunterLab color 47.6129,

-39.2280, 25.1700.

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

47.6129, -39.2280, 25.1700

Protanopia

47.4455, -6.3246, 26.3876

Deuteranopia

47.2206, 3.0569, 24.1245



Tritanopia

47.6479, -17.8535, -8.9938

Trichromacy



Original Color

47.6129, -39.2280, 25.1700



Protanomaly

45.7976, -24.7946, 24.7013



Deuteranomaly

44.8791, -20.1888, 22.6901



Tritanomaly

47.1454, -28.7028, 8.1505

Monochromacy



Original Color

47.6129, -39.2280, 25.1700



Achromatopsia

33.8283, -1.8050, 1.8380



Achromatomaly

37.4186, -20.2404, 11.2821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6129, -39.2280, 25.1700 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, 152, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 48)  
}
```

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, 152, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6129, -39.2280, 25.1700 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, 152, 48) }
```


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

```
.border{ border-color:rgb(0, 152, 48) }
```

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

Here you see how a box with a 4 pixel rgb(0, 152, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 48);  
box-shadow:4px 4px 4px 4px rgb(0, 152, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.6129, -39.2280, 25.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 48) }
```

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

```
.background{ background-color: rgb(0, 152,  
48) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor