

Converting Colors

HunterLab(47.7467, -40.8305,
28.4620)

Have a look what the booklet for
HunterLab(47.7467, -40.8305,
28.4620) contains.

HunterLab(47.7470, -40.8284, 28.4571)	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(47.7470,
-40.8284, 28.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	009907
RGB	0, 153, 7
RGB Percent	0%, 60%, 3%
CMY	1.0000, 0.4000, 0.9725
CMYK	1.00, 0.00, 0.95, 0.40
HSL	123°, 100%, 30%
HSV	123°, 100%, 60%
XYZ	11.4295, 22.7978, 3.9990
YIQ	90.6090, -44.3220, -77.8420

Conversions

Conversions Part 2

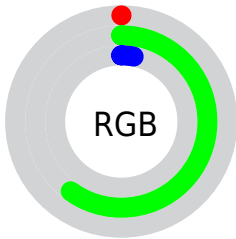
Format	Color
RYB	0, 146, 153
Decimal	39175
CIELab	54.86, -58.65, 55.70
CIELCh	55, 80.884, 136.481
Yxy	22.7987, 0.2990, 0.5964
Android (android.graphics.Color)	4278229255 (0xFF009907)
YUV	90.6090, -41.2192, -79.4641
Hunter-Lab	47.7470, -40.8284, 28.4571

Details

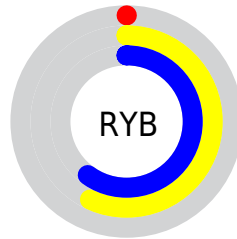
The HunterLab color $[47.7470, -40.8284, 28.4571]$ is a dark color, and the websafe version is hex 009900 . A complement of this color would be $[29.7449, 57.9149, -34.8550]$, and the grayscale version is $[32.3604, -1.7267, 1.7582]$.

A 20% lighter version of the original color is $[69.4568, -49.1114, 36.7057]$, and $[30.1900, -25.8879, 18.1497]$ is the 20% darker color. If you saturate the color by 10%, you get $[47.7480, -40.8290, 28.4573]$, and if you desaturate by 10%, it is $[47.8998, -40.0949, 27.8983]$.

Distribution



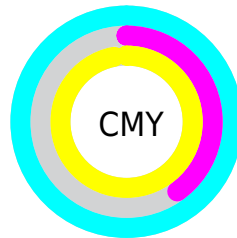
- Red (0%)
- Green (60%)
- Blue (3%)



- Red (0%)
- Yellow (57%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (95%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7470, -40.8284, 28.4571 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 47.7470, -40.8284, 28.4571 by changing the saturation by 10% instead.

■ 47.7470, -40.8284,
28.4571

■ 47.7470, -40.8284,
28.4571

163.3063,
-73.2525, 60.5016

■ 38.0065, -36.3298,
24.0694

■ 69.3272, -49.0269,
36.5485

■ 29.0358, -31.4533,
19.6949

■ 81.0811, -52.8319,
40.3181

■ 20.9089, -26.0635,
14.6362

■ 93.4332, -56.4884,
43.9409

■ 13.7246, -22.2979,
9.6072

■ 106.3557,
-60.0213, 47.4389

■ 7.3384, -12.8422,
5.1369

■ 119.8244,
-63.4502, 50.8303

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 133.8181,

-66.7905, 54.1299

0.0000, NaN, NaN

148.3178,
-70.0545, 57.3502

0.0000, NaN, NaN

47.7470, -40.8284,
28.4571

47.7470, -40.8284,
28.4571

47.7480, -40.8290,
28.4573

47.8998, -40.0949,
27.8983

48.1634, -38.8249,
26.9229

48.5790, -36.8516,
25.4933

49.1612, -34.1298,
23.5889

49.9197, -30.6467,
21.2080

■ 50.8601, -26.4173,
18.3654

■ 51.9846, -21.4792,
15.0892

■ 53.2922, -15.8873,
11.4174

■ 54.7795, -9.7075,
7.3942

Harmonies

Analogous

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



47.7480, -19.4700, 31.9223



47.7470, -40.8284, 28.4571



47.7480, -50.3939, 14.8096

Triad

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



47.7480, -40.8290, 28.4573



47.7480, -16.6823, -103.4554



47.7480, 76.1558, 16.9088

Complementary

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



47.7470, -40.8284, 28.4571



29.7449, 57.9149, -34.8550

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.



47.7480, 77.5132, -14.0410



47.7470, -40.8284, 28.4571



47.7480, 17.1125, -101.2548

Square

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



47.7480, -40.8290, 28.4573



47.7480, -39.2751, -66.5136



47.7480, 53.6501, -61.6922



47.7480, 50.3353, 29.0907

Rectangle

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



47.7470, -40.8284, 28.4571



47.7480, -51.1446, -4.8399



47.7480, 53.6501, -61.6922



47.7480, 79.6922, 9.0054

Sweetspot

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



47.7480, -40.8290, 28.4573



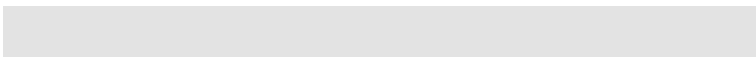
69.4705, -29.1607, 20.4678



53.9168, -16.2665, 32.9385



32.3611, -14.9394, 10.4361



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.



47.7480, -40.8290, 28.4573



63.8912, -54.6751, 38.1693



48.3596, -37.0158, 19.4612



26.3248, -4.4143, 3.3896



43.4090, -37.1074, 25.8467



5.3177, -4.4740, 3.0113

Inverse Universe

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



29.7449, 57.9149, -34.8550



39.7953, 77.4688, -46.5171



26.8936, 47.7669, 4.1164



25.1371, 1.8046, -0.6706



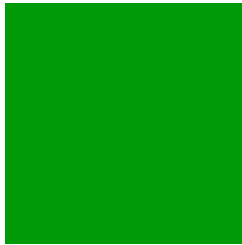
27.0434, 52.6588, -31.7194



3.3261, 6.5063, -4.1319

Previews

White Background



This preview shows how the HunterLab color 47.7470, -40.8284, 28.4571 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 47.7470, -40.8284, 28.4571 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 47.7470, -40.8284, 28.4571 Background



This preview shows how black text looks on a background with the HunterLab color 47.7470, -40.8284, 28.4571.



This preview shows how white text looks on a background with the HunterLab color 47.7470, -40.8284, 28.4571.

-40.8284, 28.4571.

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

47.7470, -40.8284, 28.4571

Protanopia

47.3663, -6.9597, 29.0650

Deuteranopia

47.3533, 3.1008, 27.3383



Tritanopia

47.7170, -17.5913, -8.8916

Trichromacy



Original Color

47.7470, -40.8284, 28.4571



Protanomaly

45.6634, -25.7117, 27.5756



Deuteranomaly

45.0965, -21.3758, 26.2779



Tritanomaly

46.8709, -30.4504, 12.7744

Monochromacy



Original Color

47.7470, -40.8284, 28.4571



Achromatopsia

32.3445, -1.7258, 1.7573



Achromatomaly

36.4148, -21.6787, 15.0987

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7470, -40.8284, 28.4571 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, 7)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 7)  
}
```

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, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7470, -40.8284, 28.4571 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, 7) }
```


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

```
.border{ border-color:rgb(0, 153, 7) }
```

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, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 153, 7); box-shadow:4px  
4px 4px 4px rgb(0, 153, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7470, -40.8284, 28.4571 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, 7) }
```

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

```
.background{ background-color: rgb(0, 153,  
7) }
```

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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