

Converting Colors

HunterLab(47.7393, -40.8773,
28.5725)

Have a look what the booklet for
HunterLab(47.7393, -40.8773,
28.5725) contains.

HunterLab(47.7402, -40.8716, 28.5591)	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(47.7402,
-40.8716, 28.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	009904
RGB	0, 153, 4
RGB Percent	0%, 60%, 2%
CMY	1.0000, 0.4000, 0.9843
CMYK	1.00, 0.00, 0.97, 0.40
HSL	122°, 100%, 30%
HSV	122°, 100%, 60%
XYZ	11.4132, 22.7913, 3.9125
YIQ	90.2670, -43.3590, -78.7750

Conversions

Conversions Part 2

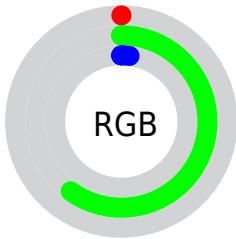
Format	Color
RYB	0, 149, 153
Decimal	39172
CIELab	54.86, -58.74, 56.17
CIELCh	55, 81.274, 136.283
Yxy	22.7922, 0.2994, 0.5979
Android (android.graphics.Color)	4278229252 (0xFF009904)
YUV	90.2670, -42.5296, -79.1642
Hunter-Lab	47.7402, -40.8716, 28.5591

Details

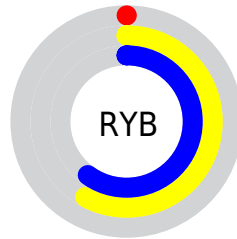
The HunterLab color $[47.7402, -40.8716, 28.5591]$ is a dark color, and the websafe version is hex 009900 . A complement of this color would be $[29.9037, 58.4659, -36.9190]$, and the grayscale version is $[32.2387, -1.7202, 1.7516]$.

A 20% lighter version of the original color is $[69.4475, -49.1686, 36.8431]$, and $[30.1900, -25.8879, 18.1497]$ is the 20% darker color. If you saturate the color by 10%, you get $[47.7412, -40.8723, 28.5593]$, and if you desaturate by 10%, it is $[47.8897, -40.1584, 28.0485]$.

Distribution



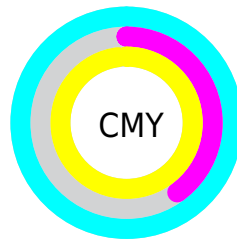
- Red (0%)
- Green (60%)
- Blue (2%)



- Red (0%)
- Yellow (58%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (97%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7402, -40.8716, 28.5591 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 47.7402, -40.8716, 28.5591 by changing the saturation by 10% instead.

■ 47.7402, -40.8716,
28.5591

■ 47.7402, -40.8716,
28.5591

163.2960,
-73.3397, 60.8420

■ 38.0002, -36.3661,
24.1385

■ 69.3195, -49.0822,
36.7129

■ 29.0300, -31.4820,
19.7597

■ 81.0730, -52.8925,
40.5115

■ 20.9037, -26.0835,
14.6326

■ 93.4247, -56.5540,
44.1618

■ 13.7201, -22.3269,
9.6041

■ 106.3468,
-60.0917, 47.6860

■ 7.3333, -12.8333,
5.1333

■ 119.8152,
-63.5251, 51.1023

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 133.8085,


-66.8697, 54.4257


0.0000, NaN, NaN


 148.3078,
-70.1378, 57.6688


0.0000, NaN, NaN


 47.7402, -40.8716,
28.5591


 47.7402, -40.8716,
28.5591


 47.7412, -40.8723,
28.5593

 47.8897, -40.1584,
28.0485

 48.1487, -38.9171,
27.1417

 48.5606, -36.9663,
25.7669

 49.1403, -34.2583,
23.8980

 49.8979, -30.7791,
21.5295

■ 50.8391, -26.5428,
18.6740

■ 51.9663, -21.5872,
15.3586

■ 53.2783, -15.9677,
11.6215

■ 54.7719, -9.7512,
7.5078

Harmonies

Analogous

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



47.7412, -19.3607, 31.9637



47.7402, -40.8716, 28.5591



47.7412, -50.5270, 15.0044

Triad

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



47.7412, -40.8722, 28.5593



47.7412, -16.9355, -104.0963



47.7412, 76.7211, 16.8282

Complementary

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



47.7402, -40.8716, 28.5591



29.9037, 58.4659, -36.9190

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.



47.7412, 77.9052, -14.4089



47.7402, -40.8716, 28.5591



47.7412, 16.9662, -102.1730

Square

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



47.7412, -40.8722, 28.5593



47.7412, -39.5226, -66.6608



47.7412, 53.7493, -62.4501



47.7412, 50.8589, 29.1059

Rectangle

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



47.7402, -40.8716, 28.5591



47.7412, -51.3209, -4.6350



47.7412, 53.7493, -62.4501



47.7412, 80.2220, 8.8521

Sweetspot

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



47.7412, -40.8722, 28.5593



69.4454, -29.3079, 20.8330



54.1392, -15.4397, 33.0899



32.3486, -15.0134, 10.6188



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.



47.7412, -40.8722, 28.5593



63.8845, -54.7171, 38.2684



48.3205, -37.2584, 20.0339



26.3212, -4.4341, 3.4405



43.4020, -37.1510, 25.9495



5.3125, -4.5063, 3.0876

Inverse Universe

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



29.9037, 58.4659, -36.9190



40.0117, 78.2205, -49.3322



26.9563, 47.9947, 3.2195



25.1413, 1.8269, -0.7297



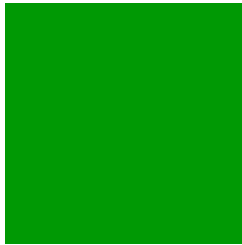
27.1866, 53.1563, -33.5821



3.3354, 6.5387, -4.2528

Previews

White Background



This preview shows how the HunterLab color 47.7402, -40.8716, 28.5591 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 47.7402, -40.8716, 28.5591 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 47.7402, -40.8716, 28.5591 Background



This preview shows how black text looks on a background with the HunterLab color 47.7402, -40.8716, 28.5591.



This preview shows how white text looks on a background with the HunterLab color 47.7402, -40.8716, 28.5591.

-40.8716, 28.5591.

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

47.7402, -40.8716, 28.5591

Protanopia

47.3663, -6.9597, 29.0650

Deuteranopia

47.3473, 3.0686, 27.4271



Tritanopia

47.7170, -17.5913, -8.8916

Trichromacy



Original Color

47.7402, -40.8716, 28.5591



Protanomaly

45.6586, -25.7404, 27.6467



Deuteranomaly

45.0876, -21.4283, 26.4095



Tritanomaly

46.8295, -30.7016, 13.3733

Monochromacy



Original Color

47.7402, -40.8716, 28.5591



Achromatopsia

31.9753, -1.7061, 1.7373



Achromatomaly

36.0498, -21.5844, 15.0307

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7402, -40.8716, 28.5591 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, 4)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 4)  
}
```

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, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 47.7402, -40.8716, 28.5591 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, 4) }
```


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

```
.border{ border-color:rgb(0, 153, 4) }
```

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, 4) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 47.7402, -40.8716, 28.5591 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, 4) }
```

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

```
.background{ background-color: rgb(0, 153,  
4) }
```

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