

Converting Colors

HunterLab(35.7171, -37.7073,
10.9722)

Have a look what the booklet for
HunterLab(35.7171, -37.7073,
10.9722) contains.

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Color

**HunterLab(37.9475,
-28.0145, 13.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	007A49
RGB	0, 122, 73
RGB Percent	0%, 48%, 29%
CMY	1.0000, 0.5216, 0.7137
CMYK	1.00, 0.00, 0.40, 0.52
HSL	156°, 100%, 24%
HSV	156°, 100%, 48%
XYZ	8.1621, 14.4001, 8.6527
YIQ	79.9360, -56.9830, -41.1030

Conversions

Conversions Part 2

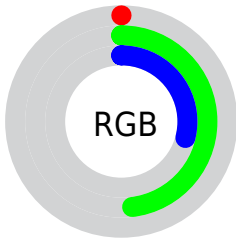
Format	Color
RYB	0, 76, 122
Decimal	31305
CIELab	44.80, -41.48, 18.84
CIELCh	45, 45.562, 155.569
Yxy	14.4007, 0.2615, 0.4613
Android (android.graphics.Color)	4278221385 (0xFF007A49)
YUV	79.9360, -3.4194, -70.1039
Hunter-Lab	37.9475, -28.0145, 13.0441

Details

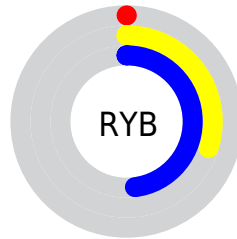
The HunterLab color **37.9475, -28.0145, 13.0441** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.8797, 36.8182, 5.2579**, and the grayscale version is **28.3277, -1.5115, 1.5391**.

A 20% lighter version of the original color is **58.0025, -34.0976, 16.3228**, and **21.7223, -17.2490, 10.0846** is the 20% darker color. If you saturate the color by 10%, you get **37.9482, -28.0152, 13.0448**, and if you desaturate by 10%, it is **38.1417, -27.0346, 11.8540**.

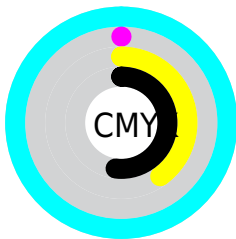
Distribution



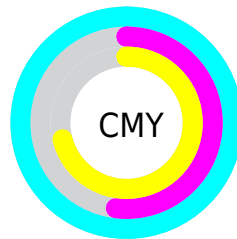
- Red (0%)
- Green (48%)
- Blue (29%)



- Red (0%)
- Yellow (30%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9475, -28.0145, 13.0441 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 37.9475, -28.0145, 13.0441 by changing the saturation by 10% instead.

37.9475, -28.0145,
13.0441

37.9475, -28.0145,
13.0441

148.2260,
-53.0559, 27.4029

28.9826, -24.5332,
11.2419

58.1363, -34.3170,
16.4272

20.8611, -20.7155,
9.3178

69.2560, -37.2392,
18.0493

13.6831, -16.8373,
7.5556

81.0061, -40.0516,
19.6423

7.2913, -12.7598,
5.1039

93.3546, -42.7752,
21.2146

0.0000, NaN, NaN

0.0000, NaN, NaN

106.2736,
-45.4263, 22.7726

0.0000, NaN, NaN

119.7390,

0.0000, NaN, NaN

-48.0172, 24.3210

0.0000, NaN, NaN

133.7295,
-50.5578, 25.8634

37.9475, -28.0145,
13.0441

37.9475, -28.0145,
13.0441

37.9482, -28.0152,
13.0448

38.1417, -27.0346,
11.8540

38.3931, -25.8098,
10.6297

38.7367, -24.2074,
9.4131

39.1804, -22.2087,
8.2221

39.7295, -19.8094,
7.0731

■ 40.3874, -17.0169,
5.9807

■ 41.1557, -13.8481,
4.9578

■ 42.0343, -10.3276,
4.0145

■ 43.0221, -6.4848,
3.1590

Harmonies

Analogous

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



37.9483, -19.6501, 19.9449



37.9475, -28.0145, 13.0441



37.9483, -29.9976, -1.1666

Triad

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



37.9483, -28.0148, 13.0444



37.9483, 1.2868, -45.4605



37.9483, 29.3308, 16.3443

Complementary

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



37.9475, -28.0145, 13.0441



20.8797, 36.8182, 5.2579

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.



37.9483, 37.5090, 5.0364



37.9475, -28.0145, 13.0441



37.9483, 19.5466, -34.1845

Square

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



37.9483, -28.0148, 13.0444



37.9483, -14.9402, -40.0419



37.9483, 33.6389, -13.6628



37.9483, 12.8837, 21.1576

Rectangle

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



37.9475, -28.0145, 13.0441



37.9483, -27.8149, -14.4680



37.9483, 33.6389, -13.6628



37.9483, 33.2615, 13.4273

Sweetspot

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



37.9483, -28.0148, 13.0444



54.5083, -18.6892, 6.6710



38.2351, -28.0842, 23.0684



25.8943, -9.6336, 3.4042



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9483, -28.0148, 13.0444



50.3059, -37.3255, 17.6971



35.9963, -16.9304, -8.4441



21.1813, -3.0033, 1.5152



38.9350, -28.7585, 13.4159



84.9352, -63.4332, 30.7723

Inverse Universe

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



20.8797, 36.8182, 5.2579



27.6473, 48.6653, 7.6452



20.8771, 33.0348, 13.4424



20.0979, 0.8772, 0.7715



21.4199, 37.7648, 5.4488



46.6122, 81.8572, 14.3648

Previews

White Background



This preview shows how the HunterLab color 37.9475, -28.0145, 13.0441 looks on a white 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

Black Background



This preview shows how the HunterLab color 37.9475, -28.0145, 13.0441 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.9475, -28.0145, 13.0441 Background



This preview shows how black text looks on a background with the HunterLab color 37.9475, -28.0145, 13.0441.



This preview shows how white text looks on a background with the HunterLab color 37.9475,

-28.0145, 13.0441.

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

37.9475, -28.0145, 13.0441

Protanopia

37.8764, -4.0403, 15.2003

Deuteranopia

37.7060, 2.5926, 11.9460



Tritanopia

38.0880, -15.1689, -6.9983

Trichromacy



Original Color

37.9475, -28.0145, 13.0441



Protanomaly

36.6531, -17.3131, 13.1749



Deuteranomaly

36.2830, -13.8981, 10.9410



Tritanomaly

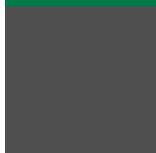
37.7417, -20.8392, 1.4706

Monochromacy



Original Color

37.9475, -28.0145, 13.0441



Achromatopsia

28.3231, -1.5113, 1.5388



Achromatomaly

30.6986, -14.2007, 5.1073

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9475, -28.0145, 13.0441 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, 122, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 73)  
}
```

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, 122, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9475, -28.0145, 13.0441 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, 122, 73) }
```


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

```
.border{ border-color:rgb(0, 122, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 122, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 73);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.9475, -28.0145, 13.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 73) }
```

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

```
.background{ background-color: rgb(0, 122,  
73) }
```

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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