

Converting Colors

HunterLab(37.3386, -28.5808,
10.8489)

Have a look what the booklet for
HunterLab(37.3386, -28.5808,
10.8489) contains.

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Color

**HunterLab(37.7349,
-27.0170, 11.1566)**

Conversions

Conversions Part 1

Format	Color
Hex	00794F
RGB	0, 121, 79
RGB Percent	0%, 47%, 31%
CMY	1.0000, 0.5255, 0.6902
CMYK	1.00, 0.00, 0.35, 0.53
HSL	159°, 100%, 24%
HSV	159°, 100%, 47%
XYZ	8.2486, 14.2392, 9.7108
YIQ	80.0330, -58.6340, -38.7140

Conversions

Conversions Part 2

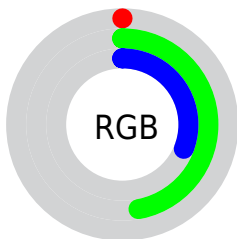
Format	Color
RYB	0, 73, 121
Decimal	31055
CIELab	44.57, -39.73, 15.08
CIELCh	45, 42.492, 159.211
Yxy	14.2398, 0.2562, 0.4422
Android (android.graphics.Color)	4278221135 (0xFF00794F)
YUV	80.0330, -0.5093, -70.1889
Hunter-Lab	37.7349, -27.0170, 11.1566

Details

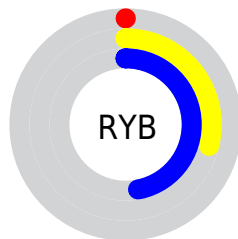
The HunterLab color **37.7349, -27.0170, 11.1566** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.5729, 36.0429, 6.9932**, and the grayscale version is **28.3531, -1.5129, 1.5405**.

A 20% lighter version of the original color is **57.7643, -33.0647, 14.0537**, and **21.4988, -16.5174, 8.7846** is the 20% darker color. If you saturate the color by 10%, you get **37.7356, -27.0178, 11.1574**, and if you desaturate by 10%, it is **37.9233, -26.0759, 10.0535**.

Distribution



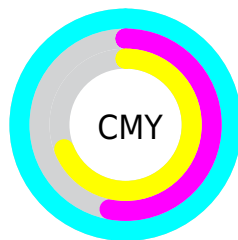
- Red (0%)
- Green (47%)
- Blue (31%)



- Red (0%)
- Yellow (29%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7349, -27.0170, 11.1566 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 37.7349, -27.0170, 11.1566 by changing the saturation by 10% instead.

■ 37.7349, -27.0170,
11.1566

■ 37.7349, -27.0170,
11.1566

147.8910,
-51.2096, 23.7411

■ 28.7882, -23.6689,
9.6384

■ 57.8912, -33.0871,
14.0493

■ 20.6871, -20.0003,
8.0351

■ 68.9961, -35.9059,
15.4543

■ 13.5319, -16.2433,
6.3945

■ 80.7323, -38.6212,
16.8446

■ 7.1166, -12.4541,
4.9817

■ 93.0674, -41.2534,
18.2263

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9737,
-43.8177, 19.6038

0.0000, NaN, NaN

■ 119.4270,

0.0000, NaN, NaN

-46.3259, 20.9805

0.0000, NaN, NaN

133.4058,
-48.7874, 22.3589

37.7349, -27.0170,
11.1566

37.7349, -27.0170,
11.1566

37.7356, -27.0178,
11.1574

37.9233, -26.0759,
10.0535

38.1663, -24.9047,
8.9405

38.4988, -23.3710,
7.8605

38.9287, -21.4558,
6.8302

39.4612, -19.1537,
5.8647

■ 40.0999, -16.4706,
4.9768

■ 40.8462, -13.4219,
4.1771

■ 41.7006, -10.0300,
3.4737

■ 42.6618, -6.3228,
2.8721

Harmonies

Analogous

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



37.7356, -19.8126, 18.5932



37.7349, -27.0170, 11.1566



37.7356, -28.1787, -3.0224

Triad

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



37.7356, -27.0173, 11.1569



37.7356, 3.1195, -40.6627



37.7356, 25.3858, 16.4312

Complementary

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



37.7349, -27.0170, 11.1566



20.5729, 36.0429, 6.9932

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.



37.7356, 34.0610, 6.5105



37.7349, -27.0170, 11.1566



37.7356, 19.8476, -29.0108

Square

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



37.7356, -27.0173, 11.1569



37.7356, -12.4811, -37.6589



37.7356, 31.8786, -10.0967



37.7356, 9.7317, 20.6195

Rectangle

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



37.7349, -27.0170, 11.1566



37.7356, -25.6060, -15.5293



37.7356, 31.8786, -10.0967



37.7356, 29.3258, 13.8747

Sweetspot

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



37.7356, -27.0173, 11.1569



54.5784, -18.2848, 5.6660



37.6497, -28.8731, 22.6938



25.9311, -9.4204, 2.8767



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.



37.7356, -27.0173, 11.1569



50.4693, -36.3193, 15.3206



33.2442, -13.6815, -12.0172



21.1894, -2.9579, 1.3987



39.0606, -27.9854, 11.5901



85.2137, -61.7174, 26.7203

Inverse Universe

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



20.5729, 36.0429, 6.9932



27.4844, 48.0673, 10.0125



21.2197, 31.0387, 13.6184



20.0895, 0.8323, 0.8905



21.2917, 37.2949, 7.3080



46.3444, 80.8734, 18.2635

Previews

White Background



This preview shows how the HunterLab color 37.7349, -27.0170, 11.1566 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 37.7349, -27.0170, 11.1566 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 37.7349, -27.0170, 11.1566 Background



This preview shows how black text looks on a background with the HunterLab color 37.7349, -27.0170, 11.1566.



This preview shows how white text looks on a background with the HunterLab color 37.7349,

-27.0170, 11.1566.

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

37.7349, -27.0170, 11.1566

Protanopia

37.6144, -3.3708, 13.4549

Deuteranopia

37.6277, 2.5688, 10.0147



Tritanopia

37.7285, -14.9885, -7.5044

Trichromacy



Original Color

37.7349, -27.0170, 11.1566

Protanomaly

36.4600, -16.3059, 11.3563

Deuteranomaly

35.9917, -13.2546, 8.7959

Tritanomaly

37.4677, -20.2140, 0.2831

Monochromacy



Original Color

37.7349, -27.0170, 11.1566

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.7692, -13.7859, 4.0942

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7349, -27.0170, 11.1566 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, 121, 79)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 79)  
}
```

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, 121, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7349, -27.0170, 11.1566 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, 121, 79) }
```


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

```
.border{ border-color:rgb(0, 121, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 121, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 79);  
box-shadow:4px 4px 4px 4px rgb(0, 121, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.7349, -27.0170, 11.1566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 79) }
```

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

```
.background{ background-color: rgb(0, 121,  
79) }
```

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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