

Converting Colors

HunterLab(36.9312, -31.0444,
11.5294)

Have a look what the booklet for
HunterLab(36.9312, -31.0444,
11.5294) contains.

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Color

**HunterLab(37.6600,
-27.4778, 12.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	00794B
RGB	0, 121, 75
RGB Percent	0%, 47%, 29%
CMY	1.0000, 0.5255, 0.7059
CMYK	1.00, 0.00, 0.38, 0.53
HSL	157°, 100%, 24%
HSV	157°, 100%, 47%
XYZ	8.1074, 14.1828, 8.9669
YIQ	79.5770, -57.3500, -39.9580

Conversions

Conversions Part 2

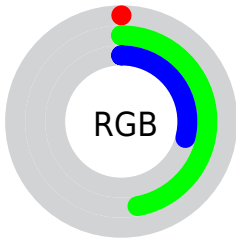
Format	Color
RYB	0, 75, 121
Decimal	31051
CIELab	44.49, -40.65, 17.29
CIELCh	44, 44.174, 156.963
Yxy	14.1833, 0.2594, 0.4537
Android (android.graphics.Color)	4278221131 (0xFF00794B)
YUV	79.5770, -2.2565, -69.7890
Hunter-Lab	37.6600, -27.4778, 12.2450

Details

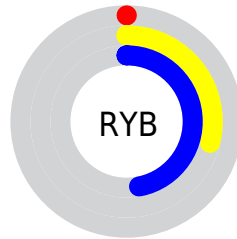
The HunterLab color **37.6600, -27.4778, 12.2450** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.6459, 36.3108, 5.9329**, and the grayscale version is **28.1942, -1.5044, 1.5318**.

A 20% lighter version of the original color is **57.6748, -33.6017, 15.3479**, and **21.4481, -16.8315, 9.5261** is the 20% darker color. If you saturate the color by 10%, you get **37.6607, -27.4786, 12.2458**, and if you desaturate by 10%, it is **37.8517, -26.5147, 11.0925**.

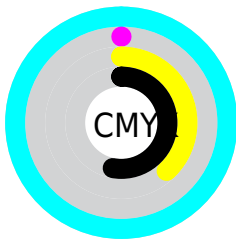
Distribution



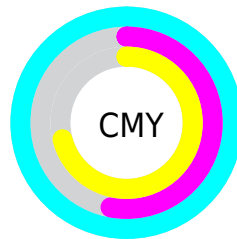
- Red (0%)
- Green (47%)
- Blue (29%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6600, -27.4778, 12.2450 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 37.6600, -27.4778, 12.2450 by changing the saturation by 10% instead.

■ 37.6600, -27.4778,
12.2450

■ 37.6600, -27.4778,
12.2450

147.7729,
-52.1343, 25.8676

■ 28.7198, -24.0541,
10.5595

■ 57.8048, -33.6774,
15.4256

■ 20.6258, -20.2990,
8.7662

■ 68.9045, -36.5530,
16.9577

■ 13.4787, -16.5317,
7.0656

■ 80.6358, -39.3213,
18.4666

■ 7.0540, -12.3445,
4.9378

■ 92.9662, -42.0033,
19.9597

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.8680,
-44.6145, 21.4426

0.0000, NaN, NaN

■ 119.3170,

0.0000, NaN, NaN

-47.1673, 22.9195

0.0000, NaN, NaN

133.2916,
-49.6713, 24.3936

37.6600, -27.4778,
12.2450

37.6600, -27.4778,
12.2450

37.6607, -27.4786,
12.2458

37.8517, -26.5147,
11.0925

38.0989, -25.3151,
9.9158

38.4367, -23.7463,
8.7571

38.8729, -21.7897,
7.6337

39.4128, -19.4406,
6.5616

■ 40.0596, -16.7058,
5.5544

■ 40.8151, -13.6016,
4.6241

■ 41.6792, -10.1514,
3.7799

■ 42.6509, -6.3841,
3.0289

Harmonies

Analogous

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



37.6607, -19.6161, 19.3218



37.6600, -27.4778, 12.2450



37.6607, -29.1283, -1.8907

Triad

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



37.6607, -27.4781, 12.2453



37.6607, 2.0068, -43.3094



37.6607, 27.6054, 16.2959

Complementary

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



37.6600, -27.4778, 12.2450



20.6459, 36.3108, 5.9329

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.



37.6607, 35.9459, 5.6060



37.6600, -27.4778, 12.2450



37.6607, 19.5712, -31.9267

Square

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



37.6607, -27.4781, 12.2453



37.6607, -13.8949, -38.8959



37.6607, 32.7726, -12.1520



37.6607, 11.5567, 20.8371

Rectangle

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



37.6600, -27.4778, 12.2450



37.6607, -26.8042, -14.8183



37.6607, 32.7726, -12.1520



37.6607, 31.5215, 13.5389

Sweetspot

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



37.6607, -27.4781, 12.2453



54.5357, -18.5310, 6.2778



37.7693, -28.3731, 22.7763



25.9087, -9.5502, 3.1980



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.



37.6607, -27.4781, 12.2453



50.3682, -36.9413, 16.7898



34.4560, -15.2421, -10.1632



21.1845, -2.9855, 1.4694



38.9830, -28.4630, 12.7181



85.0413, -62.7791, 29.2279

Inverse Universe

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



20.6459, 36.3108, 5.9329



27.5801, 48.4187, 8.6205



20.9344, 31.9546, 13.4586



20.0946, 0.8595, 0.8184



21.3671, 37.5715, 6.2130



46.5013, 81.4500, 15.9771

Previews

White Background



This preview shows how the HunterLab color 37.6600, -27.4778, 12.2450 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 37.6600, -27.4778, 12.2450 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 37.6600, -27.4778, 12.2450 Background



This preview shows how black text looks on a background with the HunterLab color 37.6600, -27.4778, 12.2450.



This preview shows how white text looks on a background with the HunterLab color 37.6600,

-27.4778, 12.2450.

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

37.6600, -27.4778, 12.2450

Protanopia

37.5472, -3.7418, 14.4352

Deuteranopia

37.5466, 2.1343, 11.1890



Tritanopia

37.7231, -15.0766, -6.9899

Trichromacy



Original Color

37.6600, -27.4778, 12.2450



Protanomaly

36.3872, -16.7341, 12.4153



Deuteranomaly

35.9094, -13.7317, 9.9862



Tritanomaly

37.4115, -20.5496, 1.0831

Monochromacy



Original Color

37.6600, -27.4778, 12.2450



Achromatopsia

28.3231, -1.5113, 1.5388



Achromatomaly

30.7218, -14.0643, 4.7742

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6600, -27.4778, 12.2450 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, 75)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 75)  
}
```

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, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6600, -27.4778, 12.2450 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, 75) }
```


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

```
.border{ border-color:rgb(0, 121, 75) }
```

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, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 75);  
box-shadow:4px 4px 4px 4px rgb(0, 121, 75)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.6600, -27.4778, 12.2450 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, 75) }
```

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

```
.background{ background-color: rgb(0, 121,  
75) }
```

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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