

Converting Colors

HunterLab(36.8658, -32.4612,
11.1613)

Have a look what the booklet for
HunterLab(36.8658, -32.4612,
11.1613) contains.

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Color

**HunterLab(38.0011,
-27.6839, 12.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	007A4C
RGB	0, 122, 76
RGB Percent	0%, 48%, 30%
CMY	1.0000, 0.5216, 0.7020
CMYK	1.00, 0.00, 0.38, 0.52
HSL	157°, 100%, 24%
HSV	157°, 100%, 48%
XYZ	8.2640, 14.4408, 9.1893
YIQ	80.2780, -57.9460, -40.1700

Conversions

Conversions Part 2

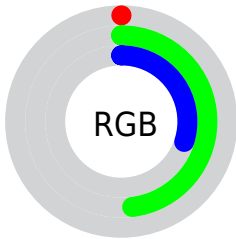
Format	Color
RYB	0, 75, 122
Decimal	31308
CIELab	44.86, -40.81, 17.20
CIELCh	45, 44.291, 157.147
Yxy	14.4414, 0.2591, 0.4528
Android (android.graphics.Color)	4278221388 (0xFF007A4C)
YUV	80.2780, -2.1091, -70.4038
Hunter-Lab	38.0011, -27.6839, 12.2635

Details

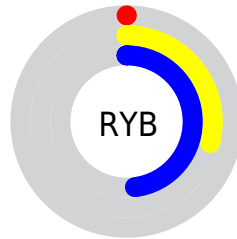
The HunterLab color **38.0011, -27.6839, 12.2635** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.8210, 36.6028, 6.1084**, and the grayscale version is **28.4471, -1.5179, 1.5456**.

A 20% lighter version of the original color is **58.0675, -33.7066, 15.3804**, and **21.7570, -17.0333, 9.5757** is the 20% darker color. If you saturate the color by 10%, you get **38.0018, -27.6846, 12.2643**, and if you desaturate by 10%, it is **38.1934, -26.7176, 11.1036**.

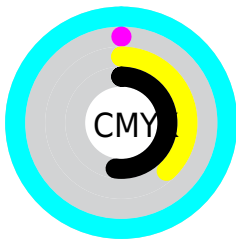
Distribution



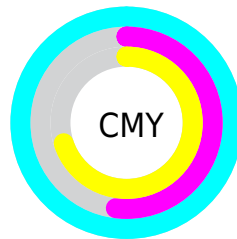
- Red (0%)
- Green (48%)
- Blue (30%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.0011, -27.6839, 12.2635 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 38.0011, -27.6839, 12.2635 by changing the saturation by 10% instead.

■ 38.0011, -27.6839,
12.2635

■ 38.0011, -27.6839,
12.2635

148.3104,
-52.3904, 25.8399

■ 29.0315, -24.2572,
10.5875

■ 58.1981, -33.8929,
15.4294

■ 20.9051, -20.5017,
8.8063

■ 69.3215, -36.7741,
16.9556

■ 13.7213, -16.6336,
7.0617

■ 81.0751, -39.5482,
18.4592

■ 7.3346, -12.8356,
5.1342

■ 93.4269, -42.2360,
19.9476

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.3491,
-44.8531, 21.4261

0.0000, NaN, NaN

■ 119.8176,

0.0000, NaN, NaN

-47.4118, 22.8990

0.0000, NaN, NaN

133.8110,
-49.9216, 24.3694

38.0011, -27.6839,
12.2635

38.0011, -27.6839,
12.2635

38.0018, -27.6846,
12.2643

38.1934, -26.7176,
11.1036

38.4420, -25.5114,
9.9210

38.7820, -23.9329,
8.7578

39.2213, -21.9632,
7.6318

39.7653, -19.5975,
6.5588

■ 40.4172, -16.8423,
5.5526

■ 41.1789, -13.7141,
4.6252

■ 42.0503, -10.2366,
3.7859

■ 43.0303, -6.4386,
3.0415

Harmonies

Analogous

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



38.0019, -19.8080, 19.4339



38.0011, -27.6839, 12.2635



38.0019, -29.3079, -2.0032

Triad

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



38.0019, -27.6842, 12.2638



38.0019, 2.1194, -43.4686



38.0019, 27.6615, 16.4528

Complementary

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



38.0011, -27.6839, 12.2635



20.8210, 36.6028, 6.1084

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.



38.0019, 36.1056, 5.7343



38.0011, -27.6839, 12.2635



38.0019, 19.7699, -31.9595

Square

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



38.0019, -27.6842, 12.2638



38.0019, -13.8992, -39.1380



38.0019, 32.9893, -12.0823



38.0019, 11.5031, 21.0046

Rectangle

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



38.0011, -27.6839, 12.2635



38.0019, -26.9421, -15.0114



38.0019, 32.9893, -12.0823



38.0019, 31.6147, 13.6885

Sweetspot

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



38.0019, -27.6842, 12.2638



54.5397, -18.5079, 6.2204



38.1031, -28.6338, 22.9774



25.9108, -9.5381, 3.1679



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.



38.0019, -27.6842, 12.2638



50.3775, -36.8842, 16.6550



34.7587, -15.3729, -10.2591



21.1849, -2.9829, 1.4627



38.9901, -28.4191, 12.6145



85.0570, -62.6818, 28.9981

Inverse Universe

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



20.8210, 36.6028, 6.1084



27.5707, 48.3841, 8.7574



21.1146, 32.2581, 13.5750



20.0941, 0.8569, 0.8252



21.3597, 37.5443, 6.3205



46.4857, 81.3930, 16.2028

Previews

White Background



This preview shows how the HunterLab color 38.0011, -27.6839, 12.2635 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 38.0011, -27.6839, 12.2635 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 38.0011, -27.6839, 12.2635 Background



This preview shows how black text looks on a background with the HunterLab color 38.0011, -27.6839, 12.2635.



This preview shows how white text looks on a background with the HunterLab color 38.0011,

-27.6839, 12.2635.

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

38.0011, -27.6839, 12.2635

Protanopia

37.9244, -3.7754, 14.5006

Deuteranopia

37.9235, 2.1126, 11.2348



Tritanopia

38.0880, -15.1689, -6.9983

Trichromacy



Original Color

38.0011, -27.6839, 12.2635

Protanomaly

36.7052, -17.0062, 12.4166

Deuteranomaly

36.2823, -13.7830, 10.0278

Tritanomaly

37.7694, -20.6736, 1.0758

Monochromacy



Original Color

38.0011, -27.6839, 12.2635

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

30.7453, -13.9260, 4.4365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.0011, -27.6839, 12.2635 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, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 76)  
}
```

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, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 38.0011, -27.6839, 12.2635 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, 76) }
```


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

```
.border{ border-color:rgb(0, 122, 76) }
```

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, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.0011, -27.6839, 12.2635 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, 76) }
```

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

```
.background{ background-color: rgb(0, 122,  
76) }
```

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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