

Converting Colors

HunterLab(37.8073, -29.6908,
16.8380)

Have a look what the booklet for
HunterLab(37.8073, -29.6908,
16.8380) contains.

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Color

**HunterLab(37.6890,
-29.6137, 16.8196)**

Conversions

Conversions Part 1

Format	Color
Hex	007A38
RGB	0, 122, 56
RGB Percent	0%, 48%, 22%
CMY	1.0000, 0.5216, 0.7804
CMYK	1.00, 0.00, 0.54, 0.52
HSL	148°, 100%, 24%
HSV	148°, 100%, 48%
XYZ	7.6734, 14.2046, 6.0787
YIQ	77.9980, -51.5260, -46.3900

Conversions

Conversions Part 2

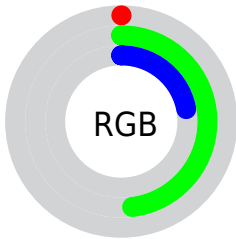
Format	Color
RYB	0, 84, 122
Decimal	31288
CIELab	44.53, -44.78, 27.91
CIELCh	45, 52.772, 148.065
Yxy	14.2052, 0.2745, 0.5081
Android (android.graphics.Color)	4278221368 (0xFF007A38)
YUV	77.9980, -10.8450, -68.4042
Hunter-Lab	37.6890, -29.6137, 16.8196

Details

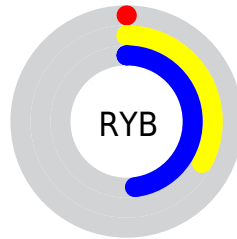
The HunterLab color $[37.6890, -29.6137, 16.8196]$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $[21.2867, 38.3011, -0.5708]$, and the grayscale version is $[27.6531, -1.4755, 1.5024]$.

A 20% lighter version of the original color is $[57.9896, -36.5805, 21.7021]$, and $[21.5742, -18.1735, 12.2655]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.6897, -29.6144, 16.8202]$, and if you desaturate by 10%, it is $[37.8863, -28.6073, 15.5761]$.

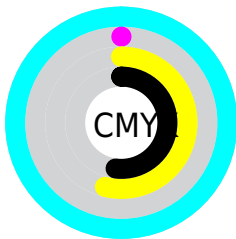
Distribution



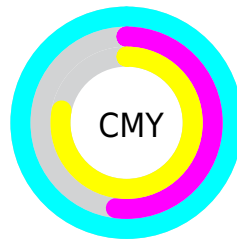
- Red (0%)
- Green (48%)
- Blue (22%)



- Red (0%)
- Yellow (33%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6890, -29.6137, 16.8196 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 37.6890, -29.6137, 16.8196 by changing the saturation by 10% instead.

■ 37.6890, -29.6137,
16.8196

■ 37.6890, -29.6137,
16.8196

147.8187,
-56.3249, 35.6450

■ 28.7463, -25.8598,
14.2986

■ 57.8383, -36.3827,
21.4453

■ 20.6495, -21.7309,
11.5682

■ 68.9400, -39.5098,
23.6156

■ 13.4993, -17.8697,
9.4495

■ 80.6732, -42.5128,
25.7196

■ 7.0783, -12.3871,
4.9548

■ 93.0054, -45.4154,
27.7717

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9090,
-48.2355, 29.7827

0.0000, NaN, NaN

■ 119.3596,

0.0000, NaN, NaN

-50.9868, 31.7610

0.0000, NaN, NaN

133.3359,
-53.6804, 33.7134

■ 37.6890, -29.6137,
16.8196

■ 37.6890, -29.6137,
16.8196

■ 37.6897, -29.6144,
16.8202

■ 37.8863, -28.6073,
15.5761

■ 38.1458, -27.3232,
14.2245

■ 38.5029, -25.6267,
12.8030

■ 38.9655, -23.5003,
11.3298

■ 39.5388, -20.9419,
9.8235

■ 40.2261, -17.9624,
8.3025

■ 41.0284, -14.5825,
6.7842

■ 41.9456, -10.8311,
5.2847

■ 42.9759, -6.7421,
3.8182

Harmonies

Analogous

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



37.6898, -18.5867, 22.2511



37.6890, -29.6137, 16.8196



37.6898, -33.4827, 3.2770

Triad

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



37.6898, -29.6141, 16.8198



37.6898, -3.3146, -56.6270



37.6898, 38.7035, 15.6138

Complementary

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



37.6890, -29.6137, 16.8196



21.2867, 38.3011, -0.5708

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.



37.6898, 45.1371, 0.7835



37.6890, -29.6137, 16.8196



37.6898, 18.0352, -47.2182

Square

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



37.6898, -29.6141, 16.8198



37.6898, -20.4209, -44.6414



37.6898, 36.8940, -23.1627



37.6898, 20.7872, 21.8569

Rectangle

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



37.6890, -29.6137, 16.8196



37.6898, -32.2643, -11.2834



37.6898, 36.8940, -23.1627



37.6898, 42.4272, 11.7967

Sweetspot

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



37.6898, -29.6141, 16.8198



54.3360, -19.6845, 9.1440



38.8800, -25.4276, 23.5124



25.8044, -10.1558, 4.6961



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.



37.6898, -29.6141, 16.8198



49.9632, -39.4470, 22.7051



38.9594, -21.8737, -1.4764



21.1606, -3.1182, 1.8099



38.6698, -30.3995, 17.2899



84.3575, -67.0124, 39.2210

Inverse Universe

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



21.2867, 38.3011, -0.5708



28.1844, 50.6237, -0.0597



20.3745, 34.9565, 12.6566



20.1195, 0.9932, 0.4643



21.8373, 39.2857, -0.5301



47.5116, 85.1407, 1.4325

Previews

White Background



This preview shows how the HunterLab color 37.6890, -29.6137, 16.8196 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 37.6890, -29.6137, 16.8196 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 37.6890, -29.6137, 16.8196 Background



This preview shows how black text looks on a background with the HunterLab color 37.6890, -29.6137, 16.8196.



This preview shows how white text looks on a background with the HunterLab color 37.6890,

-29.6137, 16.8196.

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

37.6890, -29.6137, 16.8196

Protanopia

37.4786, -4.4830, 18.2419

Deuteranopia

37.4851, 2.6330, 15.9358



Tritanopia

37.8432, -14.6181, -6.8128

Trichromacy



Original Color

37.6890, -29.6137, 16.8196



Protanomaly

36.1561, -18.2075, 16.6330



Deuteranomaly

35.7781, -14.8585, 14.7018



Tritanomaly

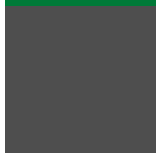
37.5949, -21.7962, 4.1678

Monochromacy



Original Color

37.6890, -29.6137, 16.8196



Achromatopsia

27.6017, -1.4728, 1.4997



Achromatomaly

30.2088, -14.9092, 6.9811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6890, -29.6137, 16.8196 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, 56)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 56)  
}
```

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, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6890, -29.6137, 16.8196 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, 56) }
```


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

```
.border{ border-color:rgb(0, 122, 56) }
```

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, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 56);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.6890, -29.6137, 16.8196 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, 56) }
```

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

```
.background{ background-color: rgb(0, 122,  
56) }
```

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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