

Converting Colors

HunterLab(33.6450, -40.9645,
15.1672)

Have a look what the booklet for
HunterLab(33.6450, -40.9645,
15.1672) contains.

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Color

**HunterLab(36.2909,
-29.0202, 17.2858)**

Conversions

Conversions Part 1

Format	Color
Hex	007630
RGB	0, 118, 48
RGB Percent	0%, 46%, 19%
CMY	1.0000, 0.5372, 0.8118
CMYK	1.00, 0.00, 0.59, 0.54
HSL	144°, 100%, 23%
HSV	144°, 100%, 46%
XYZ	7.0119, 13.1703, 4.9689
YIQ	74.7380, -47.8580, -46.7860

Conversions

Conversions Part 2

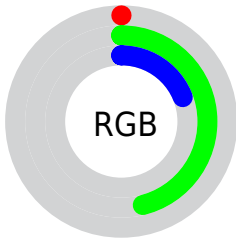
Format	Color
RYB	0, 84, 118
Decimal	30256
CIELab	43.02, -44.69, 30.29
CIELCh	43, 53.984, 145.875
Yxy	13.1708, 0.2788, 0.5236
Android (android.graphics.Color)	4278220336 (0xFF007630)
YUV	74.7380, -13.1818, -65.5452
Hunter-Lab	36.2909, -29.0202, 17.2858

Details

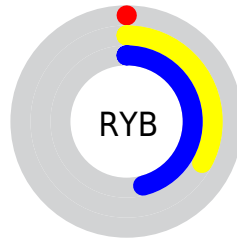
The HunterLab color **36.2909, -29.0202, 17.2858** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.7219, 37.6204, -3.1527**, and the grayscale version is **26.4905, -1.4135, 1.4393**.

A 20% lighter version of the original color is **56.1310, -35.7259, 22.2731**, and **20.3328, -17.4354, 12.2238** is the 20% darker color. If you saturate the color by 10%, you get **36.2916, -29.0208, 17.2862**, and if you desaturate by 10%, it is **36.4829, -28.0441, 16.1152**.

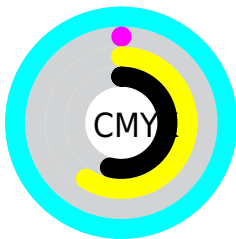
Distribution



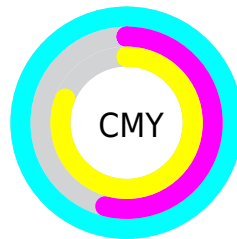
- Red (0%)
- Green (46%)
- Blue (19%)



- Red (0%)
- Yellow (33%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2909, -29.0202, 17.2858 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 36.2909, -29.0202, 17.2858 by changing the saturation by 10% instead.

■ 36.2909, -29.0202,
17.2858

■ 36.2909, -29.0202,
17.2858

145.6055,
-55.8337, 37.4015

■ 27.4705, -25.2257,
14.5442

■ 56.2231, -35.8383,
22.2835

■ 19.5090, -21.0364,
11.6584

■ 67.2266, -38.9807,
24.6144

■ 12.5126, -17.9167,
8.7588

■ 78.8668, -41.9952,
26.8662

■ 5.7817, -10.1180,
4.0472

■ 91.1107, -44.9065,
29.0555

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.9299,
-47.7331, 31.1949

0.0000, NaN, NaN

■ 117.2995,

0.0000, NaN, NaN

-50.4893, 33.2942

0.0000, NaN, NaN

131.1979,
-53.1865, 35.3610

36.2909, -29.0202,
17.2858

36.2909, -29.0202,
17.2858

36.2916, -29.0208,
17.2862

36.4829, -28.0441,
16.1152

36.7350, -26.7952,
14.8106

37.0830, -25.1364,
13.4079

37.5345, -23.0514,
11.9238

38.0945, -20.5392,
10.3763

■ 38.7657, -17.6112,
8.7839

■ 39.5494, -14.2889,
7.1647

■ 40.4451, -10.6015,
5.5362

■ 41.4510, -6.5830,
3.9142

Harmonies

Analogous

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



36.2916, -17.5093, 22.0590



36.2909, -29.0202, 17.2858



36.2916, -33.3437, 4.5569

Triad

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



36.2916, -29.0206, 17.2860



36.2916, -4.7154, -58.3667



36.2916, 40.4927, 14.7714

Complementary

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



36.2909, -29.0202, 17.2858



20.7219, 37.6204, -3.1527

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.



36.2916, 46.0170, -0.8107



36.2909, -29.0202, 17.2858



36.2916, 16.8009, -50.1372

Square

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



36.2916, -29.0206, 17.2860



36.2916, -21.4147, -44.4326



36.2916, 36.5442, -25.7870



36.2916, 22.7738, 21.2714

Rectangle

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



36.2909, -29.0202, 17.2858



36.2916, -32.4694, -9.7758



36.2916, 36.5442, -25.7870



36.2916, 43.9842, 10.7665

Sweetspot

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



36.2916, -29.0206, 17.2860



52.3593, -19.2943, 9.6619



37.8015, -23.3579, 22.8841



24.9359, -9.9675, 4.9726



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.2916, -29.0206, 17.2860



48.0966, -38.6420, 23.3003



37.4196, -22.1191, 0.9778



20.2993, -3.0177, 1.8357



37.7438, -30.2043, 18.0259



83.2235, -67.2785, 41.2128

Inverse Universe

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



20.7219, 37.6204, -3.1527



27.4291, 49.7119, -3.5066



19.6922, 33.8552, 11.6987



19.3233, 0.9780, 0.3401



21.5470, 39.1084, -3.1971



47.3830, 85.6735, -4.4885

Previews

White Background



This preview shows how the HunterLab color 36.2909, -29.0202, 17.2858 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 36.2909, -29.0202, 17.2858 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 36.2909, -29.0202, 17.2858 Background



This preview shows how black text looks on a background with the HunterLab color 36.2909, -29.0202, 17.2858.



This preview shows how white text looks on a background with the HunterLab color 36.2909, -29.0202, 17.2858.

-29.0202, 17.2858.

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

36.2909, -29.0202, 17.2858

Protanopia

36.3151, -4.5802, 18.5656

Deuteranopia

36.1950, 2.0160, 16.6216



Tritanopia

36.5093, -13.7925, -6.6014

Trichromacy



Original Color

36.2909, -29.0202, 17.2858

Protanomaly

35.0604, -18.0360, 17.0900

Deuteranomaly

34.6603, -14.8419, 15.5402

Tritanomaly

36.2199, -21.1345, 4.6138

Monochromacy



Original Color

36.2909, -29.0202, 17.2858

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

29.1414, -14.7715, 7.5233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2909, -29.0202, 17.2858 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, 118, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 48)  
}
```

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, 118, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2909, -29.0202, 17.2858 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, 118, 48) }
```


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

```
.border{ border-color:rgb(0, 118, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 48);  
box-shadow:4px 4px 4px 4px rgb(0, 118, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.2909, -29.0202, 17.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 48) }
```

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

```
.background{ background-color: rgb(0, 118,  
48) }
```

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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