

Converting Colors

HunterLab(35.0270, -39.8078,
15.3123)

Have a look what the booklet for
HunterLab(35.0270, -39.8078,
15.3123) contains.

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Color

**HunterLab(37.3131,
-29.6238, 17.3112)**

Conversions

Conversions Part 1

Format	Color
Hex	007934
RGB	0, 121, 52
RGB Percent	0%, 47%, 20%
CMY	1.0000, 0.5255, 0.7961
CMYK	1.00, 0.00, 0.57, 0.53
HSL	146°, 100%, 24%
HSV	146°, 100%, 47%
XYZ	7.4572, 13.9227, 5.5431
YIQ	76.9550, -49.9670, -47.1110

Conversions

Conversions Part 2

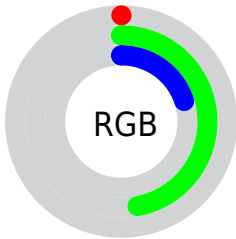
Format	Color
RYB	0, 85, 121
Decimal	31028
CIELab	44.12, -45.10, 29.53
CIELCh	44, 53.906, 146.779
Yxy	13.9232, 0.2770, 0.5171
Android (android.graphics.Color)	4278221108 (0xFF007934)
YUV	76.9550, -12.3028, -67.4895
Hunter-Lab	37.3131, -29.6238, 17.3112

Details

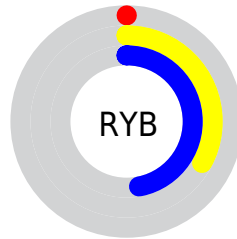
The HunterLab color **37.3131, -29.6238, 17.3112** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **21.2011, 38.3335, -2.0115**, and the grayscale version is **27.2826, -1.4557, 1.4823**.

A 20% lighter version of the original color is **57.2451, -36.2661, 22.1520**, and **21.2491, -18.0738, 12.4567** is the 20% darker color. If you saturate the color by 10%, you get **37.3138, -29.6245, 17.3117**, and if you desaturate by 10%, it is **37.5086, -28.6272, 16.0920**.

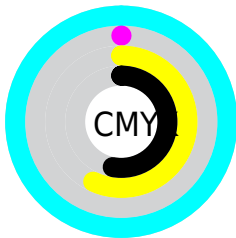
Distribution



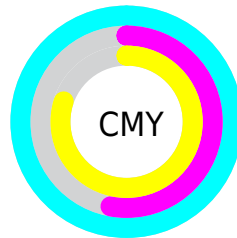
- Red (0%)
- Green (47%)
- Blue (20%)



- Red (0%)
- Yellow (33%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3131, -29.6238, 17.3112 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 37.3131, -29.6238, 17.3112 by changing the saturation by 10% instead.

■ 37.3131, -29.6238,
17.3112

■ 37.3131, -29.6238,
17.3112

147.2253,
-56.5310, 36.9774

■ 28.4030, -25.8320,
14.6525

■ 57.4045, -36.4526,
22.1737

■ 20.3422, -21.6564,
11.7827

■ 68.4800, -39.6045,
24.4479

■ 13.2328, -17.9619,
9.2630

■ 80.1884, -42.6298,
26.6482

■ 6.7558, -11.8226,
4.7290

■ 92.4971, -45.5529,
28.7903

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.3781,
-48.3918, 30.8860

0.0000, NaN, NaN

■ 118.8071,

0.0000, NaN, NaN

-51.1607, 32.9445

0.0000, NaN, NaN

132.7625,
-53.8708, 34.9731

■ 37.3131, -29.6238,
17.3112

■ 37.3131, -29.6238,
17.3112

■ 37.3138, -29.6245,
17.3117

■ 37.5086, -28.6272,
16.0920

■ 37.7664, -27.3499,
14.7488

■ 38.1221, -25.6562,
13.3183

■ 38.5835, -23.5291,
11.8185

■ 39.1558, -20.9670,
10.2678

■ 39.8420, -17.9811,
8.6850

■ 40.6433, -14.5929,
7.0882

■ 41.5593, -10.8318,
5.4945

■ 42.5884, -6.7324,
3.9191

Harmonies

Analogous

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



37.3139, -18.1759, 22.4156



37.3131, -29.6238, 17.3112



37.3139, -33.8113, 4.0818

Triad

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



37.3139, -29.6242, 17.3114



37.3139, -4.1871, -58.3426



37.3139, 40.2305, 15.3055

Complementary

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



37.3131, -29.6238, 17.3112



21.2011, 38.3335, -2.0115

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.



37.3139, 46.2086, -0.1430



37.3131, -29.6238, 17.3112



37.3139, 17.5262, -49.5051

Square

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



37.3139, -29.6242, 17.3114



37.3139, -21.2640, -45.0672



37.3139, 37.1401, -24.9815



37.3139, 22.2114, 21.7759

Rectangle

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



37.3131, -29.6238, 17.3112



37.3139, -32.7837, -10.5275



37.3139, 37.1401, -24.9815



37.3139, 43.8633, 11.3325

Sweetspot

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



37.3139, -29.6242, 17.3114



54.3011, -19.8865, 9.6459



38.7289, -24.4240, 23.4368



25.7863, -10.2613, 4.9570



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.



37.3139, -29.6242, 17.3114



49.9044, -39.8124, 23.5674



38.4983, -22.3860, 0.2057



21.1563, -3.1421, 1.8713



38.6239, -30.6845, 17.9624



84.2597, -67.6211, 40.6572

Inverse Universe

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



21.2011, 38.3335, -2.0115



28.3198, 51.1145, -1.9791



20.2170, 34.7307, 12.2162



20.1240, 1.0178, 0.3992



21.9417, 39.6641, -2.0087



47.7409, 85.9730, -1.8260

Previews

White Background



This preview shows how the HunterLab color 37.3131, -29.6238, 17.3112 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 37.3131, -29.6238, 17.3112 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 37.3131, -29.6238, 17.3112 Background



This preview shows how black text looks on a background with the HunterLab color 37.3131, -29.6238, 17.3112.



This preview shows how white text looks on a background with the HunterLab color 37.3131, -29.6238, 17.3112.

-29.6238, 17.3112.

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

37.3131, -29.6238, 17.3112

Protanopia

37.1737, -4.2354, 18.5428

Deuteranopia

37.0691, 2.4375, 16.4819



Tritanopia

37.5407, -14.2899, -6.7130

Trichromacy



Original Color

37.3131, -29.6238, 17.3112

Protanomaly

35.8182, -18.0580, 16.9450

Deuteranomaly

35.4263, -14.8101, 15.3086

Tritanomaly

37.2518, -21.6625, 4.5753

Monochromacy



Original Color

37.3131, -29.6238, 17.3112

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

29.8312, -14.9602, 7.2506

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3131, -29.6238, 17.3112 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3131, -29.6238, 17.3112 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, 52) }
```


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

```
.border{ border-color:rgb(0, 121, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 52);  
box-shadow:4px 4px 4px 4px rgb(0, 121, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.3131, -29.6238, 17.3112 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, 52) }
```

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

```
.background{ background-color: rgb(0, 121,  
52) }
```

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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