

Converting Colors

HunterLab(37.6681, -30.6766,
19.1402)

Have a look what the booklet for
HunterLab(37.6681, -30.6766,
19.1402) contains.

HunterLab(37.5413, -30.5330, 18.9887)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(37.5413,
-30.5330, 18.9887)**

Conversions

Conversions Part 1

Format	Color
Hex	007A2B
RGB	0, 122, 43
RGB Percent	0%, 48%, 17%
CMY	1.0000, 0.5216, 0.8314
CMYK	1.00, 0.00, 0.65, 0.52
HSL	141°, 100%, 24%
HSV	141°, 100%, 48%
XYZ	7.3956, 14.0935, 4.6160
YIQ	76.5160, -47.3530, -50.4330

Conversions

Conversions Part 2

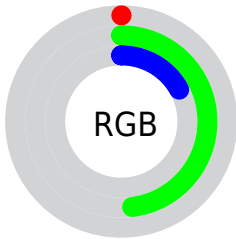
Format	Color
RYB	0, 90, 122
Decimal	31275
CIELab	44.37, -46.74, 34.34
CIELCh	44, 58.003, 143.694
Yxy	14.0941, 0.2833, 0.5399
Android (android.graphics.Color)	4278221355 (0xFF007A2B)
YUV	76.5160, -16.5234, -67.1045
Hunter-Lab	37.5413, -30.5330, 18.9887

Details

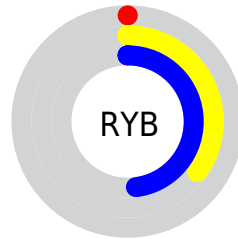
The HunterLab color **37.5413, -30.5330, 18.9887** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21.6849, 39.7387, -6.1685**, and the grayscale version is **27.1389, -1.4481, 1.4745**.

A 20% lighter version of the original color is **57.7937, -37.7688, 24.5637**, and **21.5284, -18.4606, 12.9425** is the 20% darker color. If you saturate the color by 10%, you get **37.5420, -30.5336, 18.9891**, and if you desaturate by 10%, it is **37.7325, -29.5599, 17.8294**.

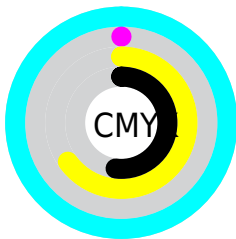
Distribution



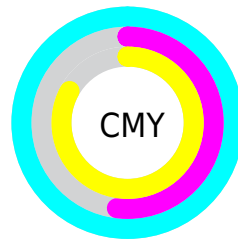
- Red (0%)
- Green (48%)
- Blue (17%)



- Red (0%)
- Yellow (35%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5413, -30.5330, 18.9887 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 37.5413, -30.5330, 18.9887 by changing the saturation by 10% instead.

■ 37.5413, -30.5330,
18.9887

■ 37.5413, -30.5330,
18.9887

147.5857,
-58.2433, 41.1025

■ 28.6114, -26.6156,
15.9473

■ 57.6679, -37.5815,
24.5261

■ 20.5287, -22.3003,
12.8213

■ 68.7593, -40.8313,
27.1008

■ 13.3945, -18.4999,
9.3762

■ 80.4828, -43.9484,
29.5820

■ 6.9535, -12.1686,
4.8675

■ 92.8058, -46.9581,
31.9880

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.7005,
-49.8791, 34.3331

0.0000, NaN, NaN

■ 119.1426,

0.0000, NaN, NaN

-52.7263, 36.6283

0.0000, NaN, NaN

133.1107,
-55.5113, 38.8824

■ 37.5413, -30.5330,
18.9887

■ 37.5413, -30.5330,
18.9887

■ 37.5420, -30.5336,
18.9891

■ 37.7325, -29.5599,
17.8294

■ 37.9901, -28.2811,
16.4985

■ 38.3501, -26.5590,
15.0286

■ 38.8205, -24.3762,
13.4362

■ 39.4065, -21.7314,
11.7396

■ 40.1113, -18.6373,
9.9589

■ 40.9359, -15.1178,
8.1146

■ 41.8798, -11.2050,
6.2270

■ 42.9411, -6.9365,
4.3152

Harmonies

Analogous

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



37.5421, -17.6343, 23.4334



37.5413, -30.5330, 18.9887



37.5421, -35.6540, 6.2269

Triad

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



37.5421, -30.5334, 18.9889



37.5421, -6.5698, -64.6562



37.5421, 45.5013, 14.9519

Complementary

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



37.5413, -30.5330, 18.9887



21.6849, 39.7387, -6.1685

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.



37.5421, 50.4039, -2.6847



37.5413, -30.5330, 18.9887



37.5421, 16.6906, -57.2135

Square

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



37.5421, -30.5334, 18.9889



37.5421, -24.0426, -47.4682



37.5421, 38.8553, -30.7338



37.5421, 26.6894, 22.2272

Rectangle

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



37.5413, -30.5330, 18.9887



37.5421, -35.0728, -8.8701



37.5421, 38.8553, -30.7338



37.5421, 48.9875, 10.4260

Sweetspot

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



37.5421, -30.5334, 18.9889



54.2111, -20.4084, 10.9426



39.4904, -22.9603, 23.9317



25.7397, -10.5331, 5.6293



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.



37.5421, -30.5334, 18.9889



49.7701, -40.6492, 25.5416



38.6174, -23.9305, 3.3909



21.1451, -3.2049, 2.0324



38.5185, -31.3414, 19.5123



84.0385, -69.0006, 43.9117

Inverse Universe

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



21.6849, 39.7387, -6.1685



28.7159, 52.5436, -7.5422



20.4511, 35.2408, 11.5219



20.1362, 1.0830, 0.2264



22.2462, 40.7617, -6.2787



48.4158, 88.4101, -11.3236

Previews

White Background



This preview shows how the HunterLab color 37.5413, -30.5330, 18.9887 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 37.5413, -30.5330, 18.9887 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 37.5413, -30.5330, 18.9887 Background



This preview shows how black text looks on a background with the HunterLab color 37.5413, -30.5330, 18.9887.



This preview shows how white text looks on a background with the HunterLab color 37.5413,

-30.5330, 18.9887.

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

37.5413, -30.5330, 18.9887

Protanopia

37.4500, -4.8257, 20.0889

Deuteranopia

37.4323, 2.1418, 18.3234



Tritanopia

37.5735, -14.1654, -6.6649

Trichromacy



Original Color

37.5413, -30.5330, 18.9887



Protanomaly

36.0249, -18.9871, 18.5620



Deuteranomaly

35.6710, -15.6096, 17.2370



Tritanomaly

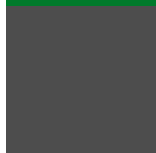
37.1780, -22.1062, 5.6339

Monochromacy



Original Color

37.5413, -30.5330, 18.9887



Achromatopsia

27.2422, -1.4536, 1.4801



Achromatomaly

29.7713, -15.3156, 8.1172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5413, -30.5330, 18.9887 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, 43)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 43)  
}
```

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, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5413, -30.5330, 18.9887 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, 43) }
```


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

```
.border{ border-color:rgb(0, 122, 43) }
```

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, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 43);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.5413, -30.5330, 18.9887 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, 43) }
```

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

```
.background{ background-color: rgb(0, 122,  
43) }
```

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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