

Converting Colors

HunterLab(35.8301, -37.8517,
19.6185)

Have a look what the booklet for
HunterLab(35.8301, -37.8517,
19.6185) contains.

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Color

**HunterLab(37.4205,
-31.2882, 20.7699)**

Conversions

Conversions Part 1

Format	Color
Hex	007A1C
RGB	0, 122, 28
RGB Percent	0%, 48%, 11%
CMY	1.0000, 0.5216, 0.8902
CMYK	1.00, 0.00, 0.77, 0.52
HSL	134°, 100%, 24%
HSV	134°, 100%, 48%
XYZ	7.1692, 14.0029, 3.4236
YIQ	74.8060, -42.5380, -55.0980

Conversions

Conversions Part 2

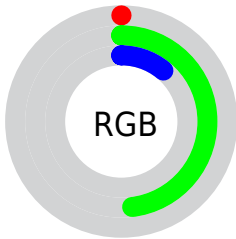
Format	Color
RYB	0, 99, 122
Decimal	31260
CIELab	44.24, -48.39, 40.73
CIELCh	44, 63.247, 139.909
Yxy	14.0035, 0.2915, 0.5693
Android (android.graphics.Color)	4278221340 (0xFF007A1C)
YUV	74.8060, -23.0754, -65.6049
Hunter-Lab	37.4205, -31.2882, 20.7699

Details

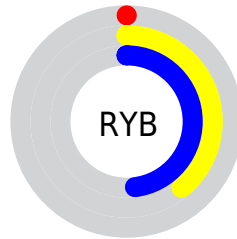
The HunterLab color **37.4205, -31.2882, 20.7699** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **22.2394, 41.7191, -13.7976**, and the grayscale version is **26.5477, -1.4165, 1.4424**.

A 20% lighter version of the original color is **57.6497, -38.7182, 27.2380**, and **21.5284, -18.4606, 12.9425** is the 20% darker color. If you saturate the color by 10%, you get **37.4213, -31.2888, 20.7701**, and if you desaturate by 10%, it is **37.5971, -30.4027, 19.8220**.

Distribution



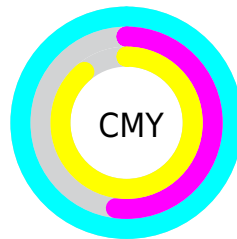
- Red (0%)
- Green (48%)
- Blue (11%)



- Red (0%)
- Yellow (39%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (52%)



- Cyan (100%)
- Magenta (52%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4205, -31.2882, 20.7699 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 37.4205, -31.2882, 20.7699 by changing the saturation by 10% instead.

■ 37.4205, -31.2882,
20.7699

■ 37.4205, -31.2882,
20.7699

147.3949,
-59.8420, 46.2218

■ 28.5011, -27.2327,
17.2153

■ 57.5285, -38.5729,
27.2246

■ 20.4299, -22.7598,
14.0862

■ 68.6115, -41.9263,
30.2098

■ 13.3089, -19.0390,
9.3162

■ 80.3270, -45.1398,
33.0747

■ 6.8496, -11.9868,
4.7947

■ 92.6424, -48.2398,
35.8415

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.5299,
-51.2461, 38.5273


0.0000, NaN, NaN


■ 118.9651,


0.0000, NaN, NaN


-54.1742, 41.1457


0.0000, NaN, NaN


 132.9265,
-57.0362, 43.7076


 37.4205, -31.2882,
20.7699


 37.4205, -31.2882,
20.7699


 37.4213, -31.2888,
20.7701

 37.5971, -30.4027,
19.8220

 37.8450, -29.1786,
18.6283

 38.2010, -27.4736,
17.2109

 38.6735, -25.2679,
15.5797

 39.2681, -22.5600,
13.7503

■ 39.9881, -19.3641,
11.7422

■ 40.8344, -15.7068,
9.5783

■ 41.8063, -11.6240,
7.2830

■ 42.9015, -7.1579,
4.8811

Harmonies

Analogous

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



37.4213, -16.5232, 24.3085



37.4205, -31.2882, 20.7699



37.4213, -37.5975, 8.9741

Triad

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



37.4213, -31.2887, 20.7700



37.4213, -9.7857, -72.6725



37.4213, 52.3771, 14.1648

Complementary

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



37.4205, -31.2882, 20.7699



22.2394, 41.7191, -13.7976

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.



37.4213, 55.5088, -6.5504



37.4205, -31.2882, 20.7699



37.4213, 15.1468, -67.7545

Square

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



37.4213, -31.2887, 20.7700



37.4213, -27.4353, -49.8993



37.4213, 40.5196, -38.9898



37.4213, 32.8121, 22.5137

Rectangle

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



37.4205, -31.2882, 20.7699



37.4213, -37.6123, -6.3815



37.4213, 40.5196, -38.9898



37.4213, 55.5481, 8.8636

Sweetspot

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



37.4213, -31.2887, 20.7700



54.0742, -21.2037, 12.9183



40.4761, -19.0664, 24.6073



25.6692, -10.9447, 6.6473



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.



37.4213, -31.2887, 20.7700



49.6155, -41.6161, 27.8221



38.2295, -26.2891, 8.9673



21.1274, -3.3037, 2.2860



38.3949, -32.1135, 21.3335



83.7906, -70.5513, 47.5690

Inverse Universe

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



22.2394, 41.7191, -13.7976



29.4614, 55.2070, -17.8108



20.6315, 35.9075, 8.8680



20.1557, 1.1879, -0.0513



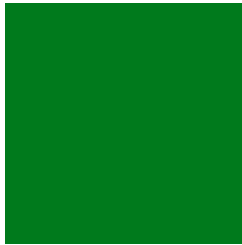
22.8161, 42.7965, -14.1187



49.6965, 92.9899, -28.9969

Previews

White Background



This preview shows how the HunterLab color 37.4205, -31.2882, 20.7699 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 37.4205, -31.2882, 20.7699 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 37.4205, -31.2882, 20.7699 Background



This preview shows how black text looks on a background with the HunterLab color 37.4205, -31.2882, 20.7699.



This preview shows how white text looks on a background with the HunterLab color 37.4205,

-31.2882, 20.7699.

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

37.4205, -31.2882, 20.7699

Protanopia

37.3510, -5.3758, 21.5497

Deuteranopia

37.1611, 2.3005, 20.0131



Tritanopia

37.6069, -14.0383, -6.6158

Trichromacy



Original Color

37.4205, -31.2882, 20.7699

Protanomaly

35.9095, -19.6752, 20.2643

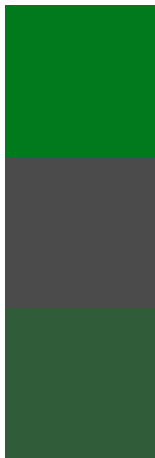
Deuteranomaly

35.3127, -15.7290, 18.9432

Tritanomaly

37.0597, -22.8619, 7.6652

Monochromacy



Original Color

37.4205, -31.2882, 20.7699

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

29.3056, -15.8973, 9.6809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4205, -31.2882, 20.7699 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, 28)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 28)  
}
```

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, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4205, -31.2882, 20.7699 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, 28) }
```


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

```
.border{ border-color:rgb(0, 122, 28) }
```

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, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 28);  
box-shadow:4px 4px 4px 4px rgb(0, 122, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.4205, -31.2882, 20.7699 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, 28) }
```

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

```
.background{ background-color: rgb(0, 122,  
28) }
```

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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